Operation Manual

OM 1169-1

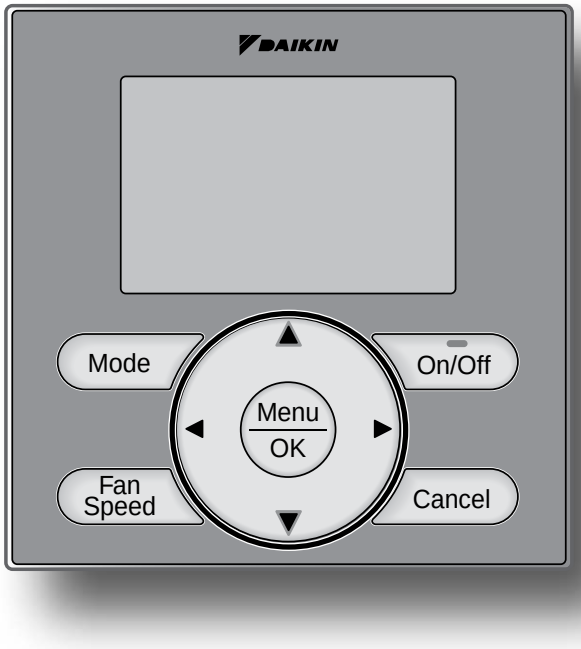
Group: **WSHP**

Document No: **910149319**

Date: **November 2013**

SmartSource™ Inverter Water Source Heat Pumps
Wired Remote Controller Operation

Daikin Applied Part Number #910126993 (Daikin #BRC1E71)



©2013 Daikin Applied • www.DaikinApplied.com • 800.432.1342

Contents

Introduction....3
- Proper Use For Effective Energy Savings....3
- Preparation....3
- Safety Considerations....3
- Meanings of WARNING and CAUTION Symbols:....3

Remote Controller Installation....4
- Dimensions & Mounting Methods....4
- Mounting the Remote Controller....5
- Wiring The Remote Controller....6

Button Locations & Descriptions....7
- Controller Button Descriptions....7

Display Icons – Names & Functions....7
- How To Follow This Manual....8

Main Menu Screen Overview....9
- Moving Within The Main Menu Screen....9

Setup Guide....9
- Setting The Language....9
- Daylight Savings Time....9
- Setting The 12H/24H Clock....10
- Setting The Date & Time....10
- Standard and Detailed Display Modes....11
- Displaying Temperature In Fahrenheit or Celsius....12
- Entering Maintenance Contact Information....12
- Confirmation Registered Details....13
- Field Settings....13
- Mode & Code Settings....15
- Specific Field Settings Changes....16
- Setting The Fan Mode....16
- Enabling Setback Temperature Control....17
- Activating Filter Change Indicator....17
- Limiting Setpoint Ranges....17
- Setting The Setback On/Off Differential....18
- Setting The Minimum Differential Between Cooling and Heating Setpoints....18
- Prohibiting Remote Controller Keys....19

Basic Operation....19
- LCD (With Backlight)....19
- On/Off Button....19
- Setback Feature....19
- Cool/Heat/Auto Modes....20
- Characteristics Of Heat Mode....20
- Dry Mode....21
- Key Lock....22

Main Menu....23
- Main Menu Structure....23
- Quick Reference....24
- Schedule....24
- Daily Patterns....24
- Settings....25
- Enabling or Disabling The Schedule....27
- Off Timer....27
- Additional Main Menu Information....28
- Contrast Adjustment....28
- Display Mode....29
- Display Item....29
- Current Settings....30
- Maintenance....30

Service Settings Menu....31
- Additional Service Settings Menu Information....32
- Error History....32
- Indoor Unit Status....32
- Forced Fan On....33

General Maintenance....34
- Maintaining The Unit And LCD Display....34
- Reference Information....34

After-Sale Service....34
- Advise Your Daikin Dealer Of The Following Items....34
- Repairs After Warranty Period....34
- Inquiry About After-Sale Service....34

Introduction

Proper Use For Effective Energy Savings

Thank you for purchasing the wired remote controller.

This manual describes safety consideration which should be observed during the use of the product.

Read this manual carefully and be sure you understand the information provided before attempting to use the product.

Keep this manual where it is readily accessible after reading it through. If another user operates the product in the future, be sure to hand over this manual to the new user.

Preparation

Note: *For mechanical protection purposes, apply power to the system units at least six hours before starting the operation of the system.*

The dry mode may not be selected if the remote controller is master controlled and the system is not already in the cooling mode of operation. (See page 21 for details)

Safety Considerations

Read these SAFETY CONSIDERATIONS carefully before operating the remote controller.

Train the customer to operate and maintain the unit.

Inform customers that they should store this Operations Manual with the Installation Manual for future reference.

Meanings of WARNING and CAUTION Symbols:

⚠ WARNING

Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

⚠ CAUTION

Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

It may also be used to alert against unsafe practices.

⚠ WARNING

Do not modify or repair the remote controller. Consult your Daikin dealer for any modification or for repairs.

Do not relocate or reinstall the remote controller by yourself. Improper installation may result in electric shocks or fire. Consult your Daikin dealer to relocate or for any reinstallation.

Do not use flammable materials (e.g., hairspray or insecticide) near the remote controller. Do not clean the product with organic solvents such as paint thinner. The use of organic solvents may cause cracking, damaging the product, causing electric shocks, or fire.

Consult the dealer if the remote controller was submerged under water due to a natural disaster, such as a flood or hurricane. Do not operate the remote controller at this time or a malfunction, electric shock, or fire can occur.

⚠ CAUTION

Do not allow children to play with the remote controller to avoid causing damage to the product.

Never disassemble the remote controller. Touching the interior parts may result in electric shocks or fire. Consult your Daikin dealer for internal inspections and adjustments.

Do not touch the remote controller buttons with wet

fingers. Touching the buttons with wet fingers can cause an electric shock.

Do not wash the remote controller. Doing so may cause electric leakage and result in electric shocks or fire.

Never let the remote controller to get wet. Water can cause damage to the remote controller, and may cause an electric shock or fire.

Remote Controller Installation

Dimensions & Mounting Methods

Figure 1: Remote controller case dimensions for mounting

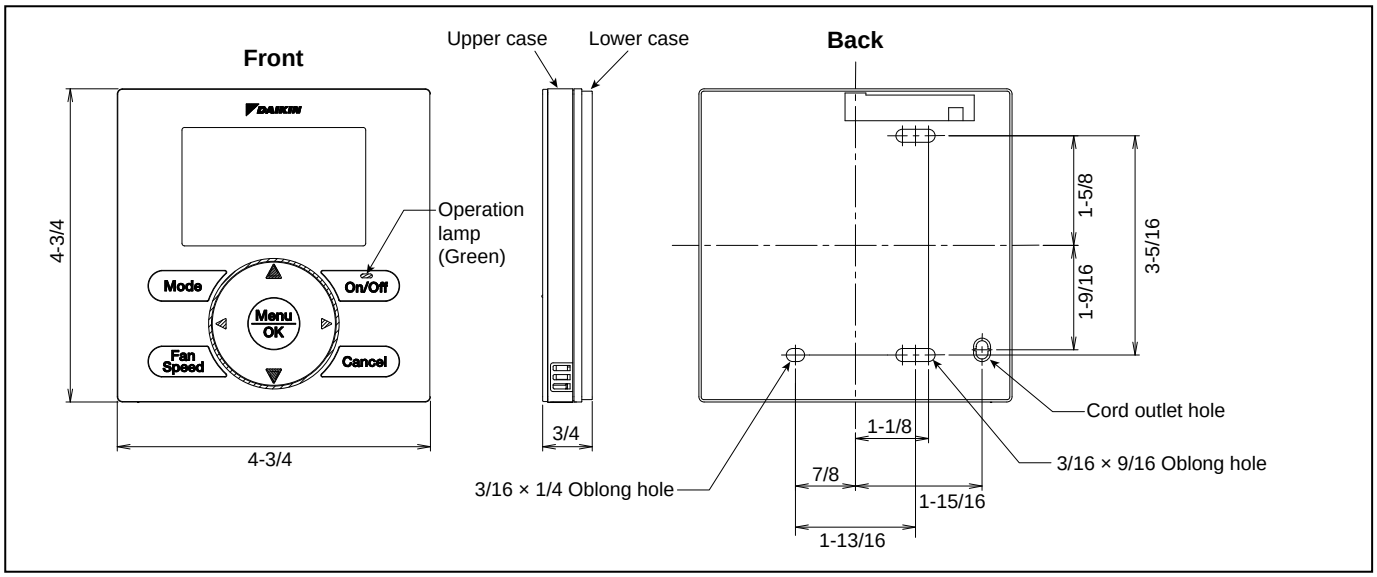
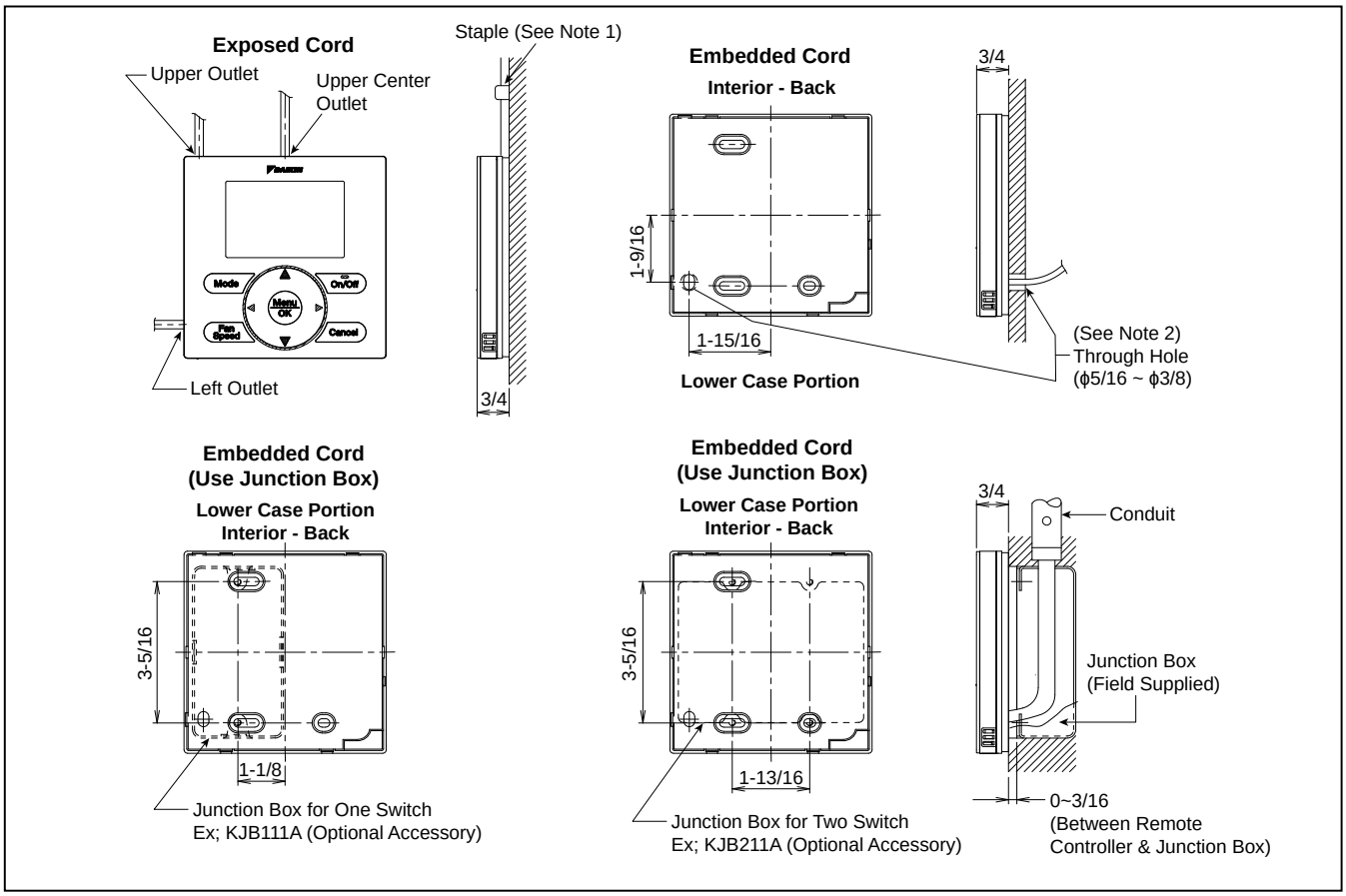


Figure 2: Remote controller mounting methods



Notes: *1. Remote controller cord and staple are not included, but are field-supplied parts.*
2. If the hole size is too large or the location is not correct, the hole may not be hidden by the remote control case.

Table 1: Cable specifications

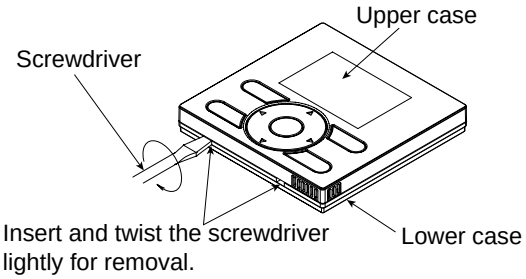
Type	Vinyl cord with sheath or cable {insulated thickness: 3/8 in. (1mm) or more}
Size	AWG 18 or AWG 16
Total Length	330 ft. (100M)

Mounting the Remote Controller

Remove the upper case by doing the following:

1. Insert a screwdriver in the recess of lower case to remove the upper case (2 points), see Figure 3. Remote controller PC-board is installed on the upper case. Take care not to damage the PC-board with the screwdriver. Take care that dust or moisture does not touch the PC-board.

Figure 3: Removing the upper case



2. Determine the location where the cabling will enter the remote controller (back, left side, top left, top center), see Figure 4.

Figure 4: Cable entry through the back

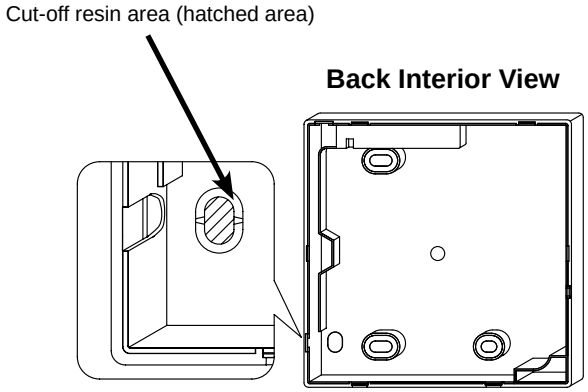


Figure 5: Cable entry through left side

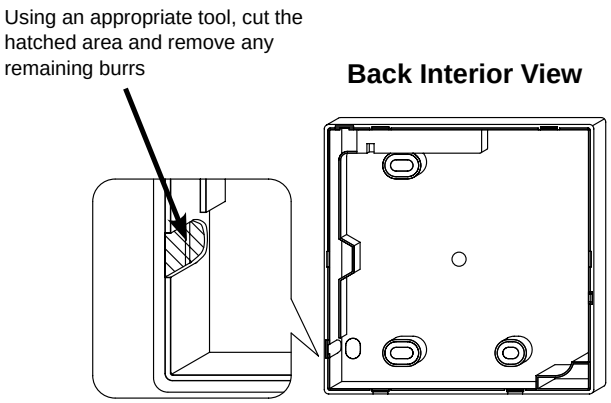
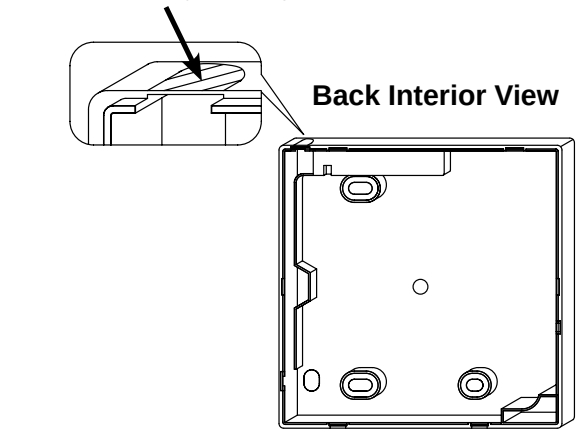


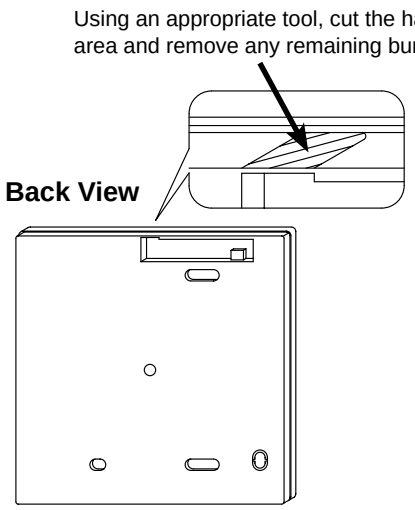
Figure 6: Cable entry through the top-left



3. Determine where to install the remote controller.

Note *Remote control wiring 2-conductor, stranded, non-shielded copper/PVC or vinyl jacket AWG18 or 16*

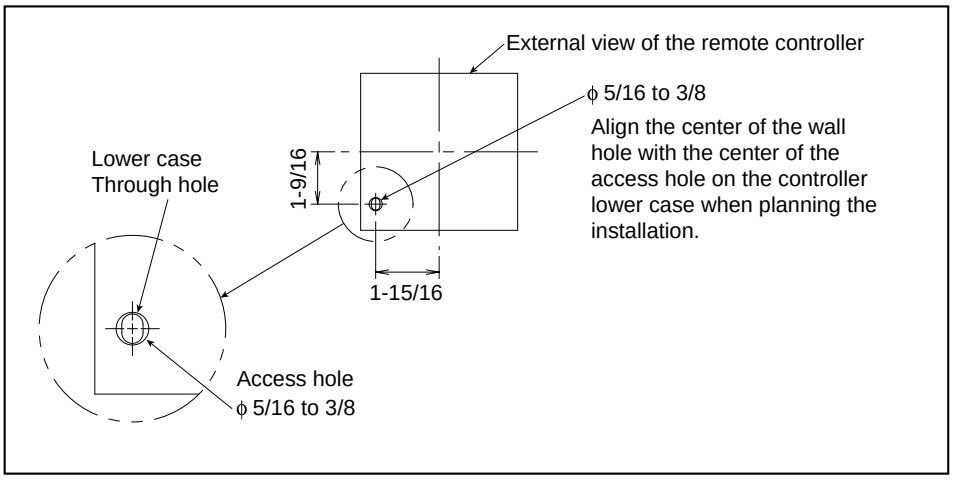
Figure 7: Cable entry through the top-center



4. If the control cable for the remote controller is to be routed from the rear, make a hole in the wall taking into consideration the location of the access hole in the lower case. See Figure 8.

Remote Controller Installation

Figure 8: Through the wall hole location details



Wiring The Remote Controller

Note: *Switch box and control wiring are not included. Do not touch the remote controller PC-board.*

Wiring Specifications:

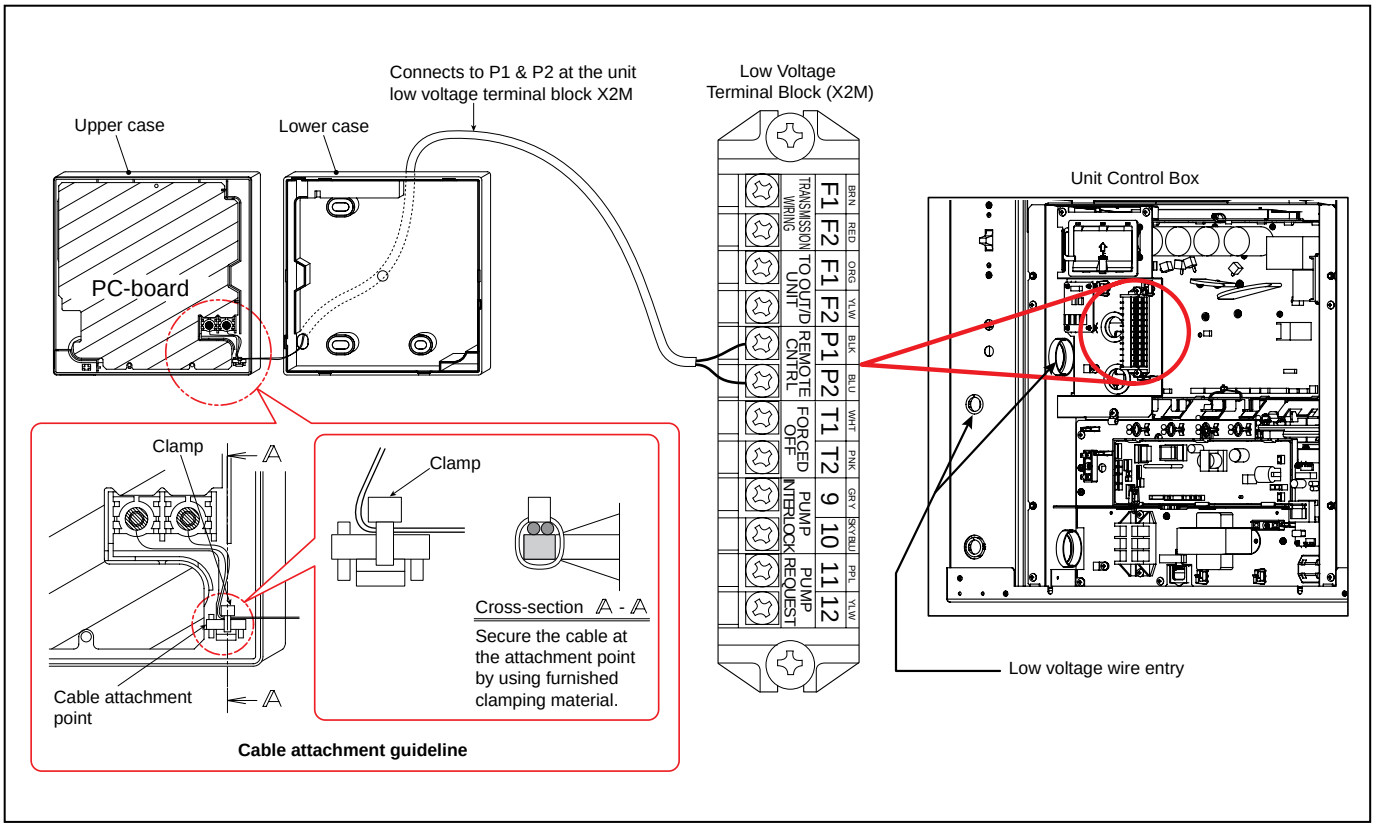
Wiring Type:..... Non-shielded, 2-conductor, stranded copper cable.

Wiring Size: ..... AWG 18 or 16

Wiring Length:..... Maximum 330 feet (100m)

Note: *See also the "Wiring Diagram Label" located inside the unit's control box cover.*

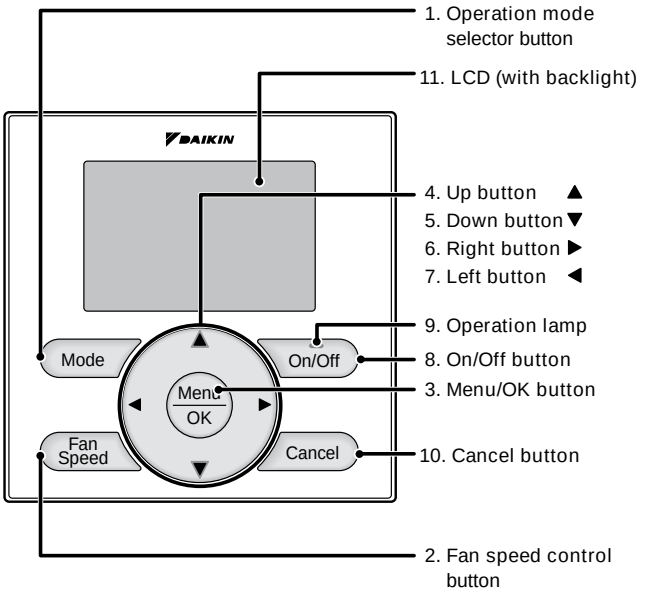
Figure 9: Remote controller wiring details



Button Locations & Descriptions

Functions other than basic operation items (i.e., On/Off, Operation mode selector, Fan speed control, and temperature setpoint) are set from the menu screen.

Notes: *1. Do not install the remote controller in places exposed to direct sunlight, otherwise the LCD will be damaged.*
2. Do not pull or twist the remote controller cord, otherwise the remote controller may be damaged.
3. Do not use objects with sharp ends to press the buttons on the remote controller otherwise dam age may result.



Controller Button Descriptions

1. **Operation mode selector button**
   - Press this button to select the operation mode of your preference. (See “Cool/Heat/Auto Modes” on page 20.)
   - * Available modes vary with the WSHP unit model.
2. **Fan speed control button**
   - Press this button to select the fan speed of your preference. (See “Step 3.” on page 20.)
   - * Available fan speeds vary with the WSHP unit model.
3. **Menu / OK button**
   - **Used to indicate the main menu.** (See for the menu items.) Used to enter the selected item.
4. **Up button ▲**
   - Used to raise the setpoint.
   - The item above the current selection will be highlighted. (The highlighted items will be scrolled continuously when the button is continuously pressed.)
   - Used to change the selected item.
5. **Down button ▼**
   - Used to lower the setpoint.
   - The item below the current selection will be highlighted. (The highlighted items will be scrolled continuously when the button is continuously pressed.)
   - Used to change the selected item.
6. **Right button ▶**
   - Used to highlight the next items on the right-hand side.
   - Each screen is scrolled in the right-hand direction.
7. **Left button ◀**
   - Used to highlight the next items on the left-hand side.
   - Each screen is scrolled in the left-hand direction.
8. **On/Off button**
   - Press this button and system will start.
   - Press this button again to stop the system.
9. **Operation lamp (Green)**
   - This lamp illuminates solid during normal operation.
   - This lamp blinks if a error occurs.
10. **Cancel button**
    - Used to return to the previous screen.
11. **LCD (with backlight)**
    - The backlight will be illuminated for approximately 30 seconds by pressing any button.
    - If two remote controllers are used to control a single WSHP unit, only the controller to be accessed first will have backlight functionality.

Display Icons – Names & Functions

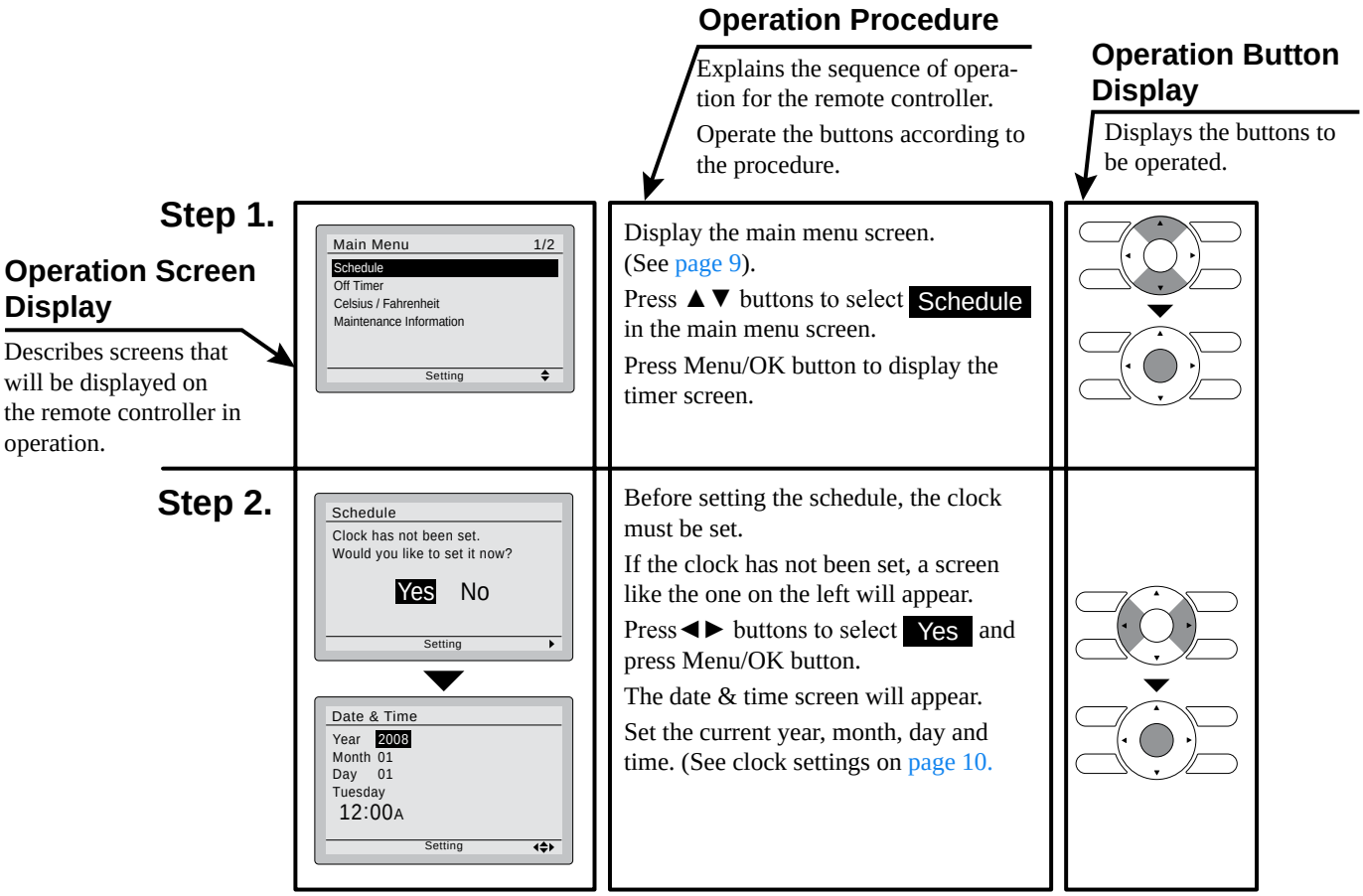
1. **Operation Mode**
   - Press this button to select the operation mode of your preference.
2. **Fan Speed**
   - Used to display the fan speed that is set for the WSHP unit.
   - The fan speed will not be displayed if the connected model does not have fan speed control functionality.
3. **Setpoint Display**
   - Used to display the setpoint for the WSHP unit.
   - Use the Celsius/Fahrenheit item in the main menu to select the temperature unit (Celsius or Fahrenheit).
4. **Stand By For Defrost/Hot Start** “STANDBY”
   - Used to change the selected item.

Display Icons – Names & Functions

5. **Message**
   The following message may be displayed.
   “This function is not available”
   - Displayed for a few seconds when an operation button is pressed and the WSHP unit does not provide the corresponding function.
   - In a remote control group, the message will not appear if at least one of the WSHP units provides the corresponding function.

   “Error: Push Menu button”
   “Warning: Push Menu button”
   - Displayed if an error or warning is detected (see page 34).
6. **Display (see page 22)**
   - Displayed when the key lock is set.
7. **Display (see page 27)**
   - Displayed if the Schedule or Off timer is enabled.
8. **Under Centralized Control** “CENTRAL CONTROL”
   - Displayed if the system is under the management of a multi zone controller (option) and the operation of the system through the remote controller is limited.
9. **Changeover Controlled By The Master WSHP Unit** “MASTER CONTROLLED” **(VRV Only)**
   - Displayed when another WSHP unit on the system has the authority to change the operation mode between cool and heat.
10. **Setback** “SETBACK” **(See page 19)**
    - The setback icon flashes when the unit is turned on under the setback control.
11. **Current Day/Time (12/24 hour time display)**
    - Displayed if the clock is set **(see page 10)**.
    - If the clock is not set, “ -- : -- ” will be displayed.
    - 12 hour time format is displayed by default.
    - Select 12/24 hour time display option in the main menu under “Clock & Calendar”.
12. **Detailed Selection**
    - Displayed if the detailed display item is selected
    - Detailed items are not selected by default.
13. **Display**
    - Displayed when the clock needs to be set.
    - The schedule function will not work unless the clock is set.

How To Follow This Manual



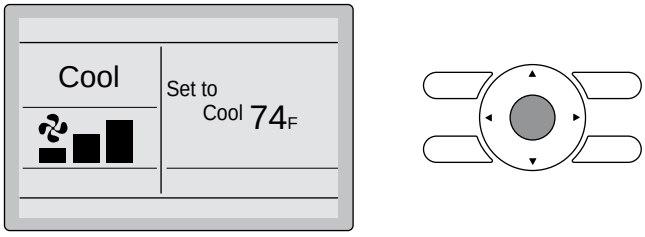
Moving Within The Main Menu Screen

Display Method For Main Menu

Note: *Pushing any button for the first time activates the back light.*

Step 1.

Press Menu/OK button.

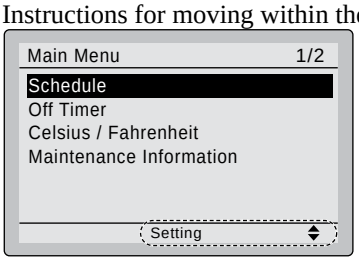


Basic screen

Step 2.

The "**Main Menu**" screen will appear.

Instructions for moving within the main menu will appear.

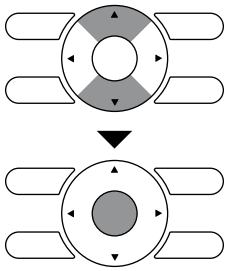


Main menu screen

Step 3.

Selecting items from the main menu.

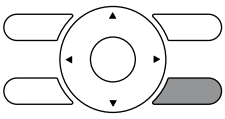
Press ▼▲buttons to select the desired item to be set.



Press Menu/OK button to display the details for the selected item.

Step 4.

To go back to the **Basic Screen** from the main menu, press the "**Cancel**" button.



Note: *If a button is not pressed for 5 minutes during configuration, the controller will automatically revert to the basic screen.*

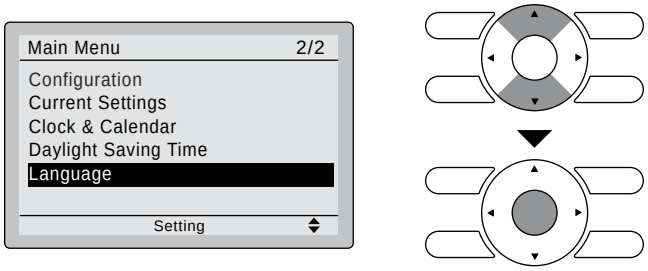
Setup Guide

Setting The Language

Step 1.

Press Menu/OK button, the "**Main Menu"** screen will appear.

Press ▼▲ buttons to select Language on the main menu screen and press the Menu/OK button.

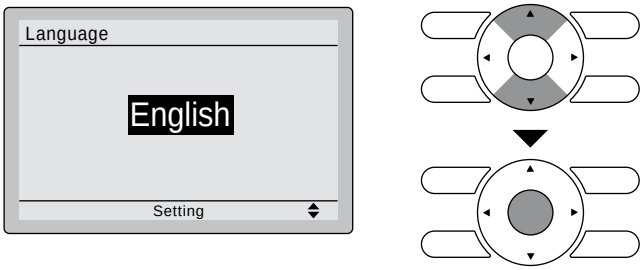


Step 2.

Press ▼▲ buttons to select the preferred language on the language screen.

English/Français/Español are available.

Press Menu/OK button to confirm the settings and return to the basic screen.



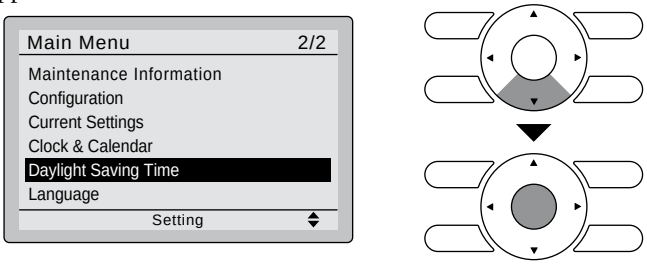
Daylight Savings Time

Step 1.

Press Menu/OK button, the "**Main Menu"** screen will appear.

Step 2.

Press ▼ button to select Daylight Savings Time and press Menu/OK button, the "Daylight Savings Time" screen will appear.



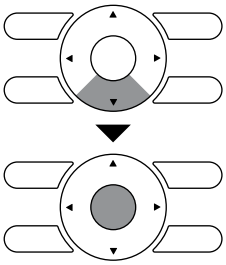
Step 3.

Press ▼ button to observe DST ON and press Menu/OK button. Otherwise, set it to off.

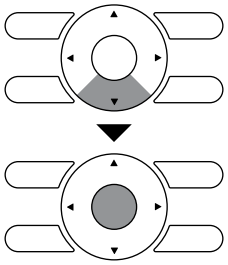
ON sets the clock one hour ahead and OFF restores it.

Note: *DST clock correction is not automatically adjusted by calendar. It must be enabled/disabled manually.*

Daylight Savings Time (Continued)



Clock is set one hour ahead



Clock is restored

Setting The 12H/24H Clock

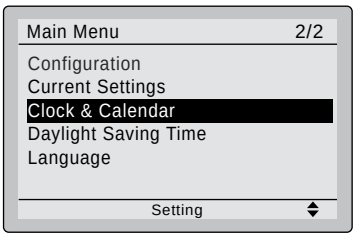
Step 1.

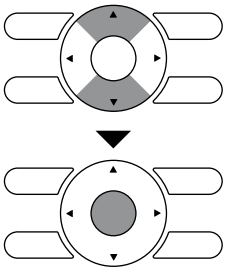
Press Menu/OK button, the "**Main Menu"** screen will appear.

Step 2.

Press ▼▲ buttons to select Clock & Calendar on the main menu screen.

Press Menu/OK button to display the clock & calendar screen.

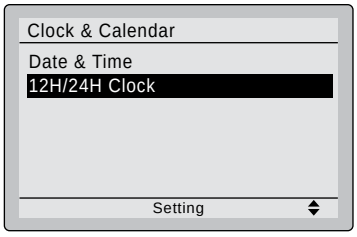


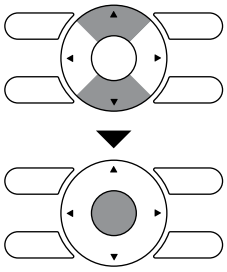


Step 3.

Press ▼▲ buttons to select 12H/24H Clock on the "**Clock & Calendar**" screen.

The "**12H/24H Clock**" screen will appear when the Menu/OK button is pressed.



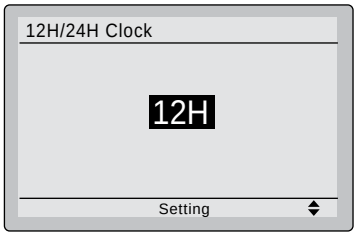


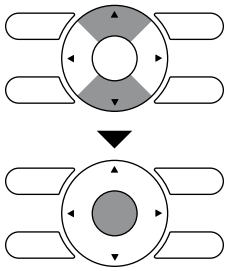
Step 4.

By default, the time display is set to the 12H format.

Press ▼▲ buttons to select 12H 24H on the 12H/24H clock screen.

The confirmation screen will appear when the Menu/OK button is pressed.

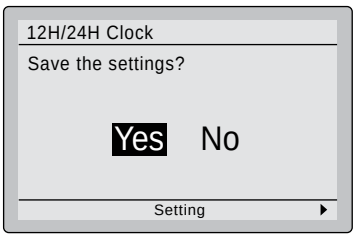


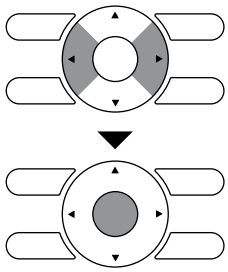


Step 5.

Press ◄► buttons to select Yes on the confirmation screen.

Pressing the Menu/OK button confirms the 12H or 24H and takes you back to the main menu screen.



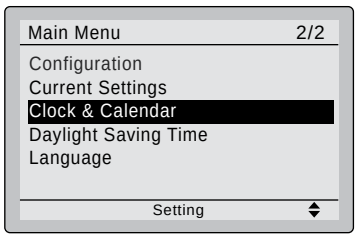


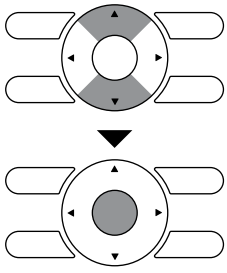
Setting The Date & Time

Step 1.

From the Main Menu screen, press ▼▲ buttons to select Clock & Calendar on the main menu screen.

Press Menu/OK button to display the "**Clock & Calendar**" screen.



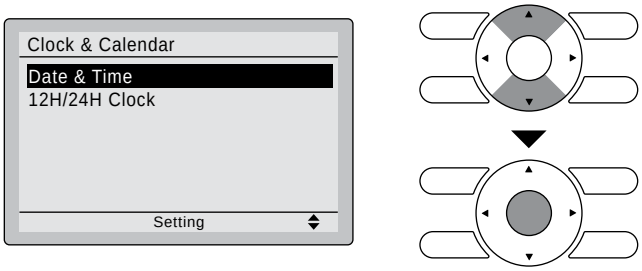


Setting The Date & Time (Continued)

Step 2.

Press ▼▲ buttons to select Date & Time on the clock & calendar screen.

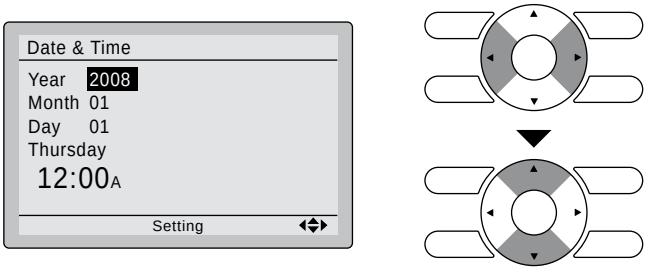
Press Menu/OK button to display the "**Date & Time**" screen.



Step 3.

Select "Year" with ◄► buttons. Change the year with ▼▲ buttons.

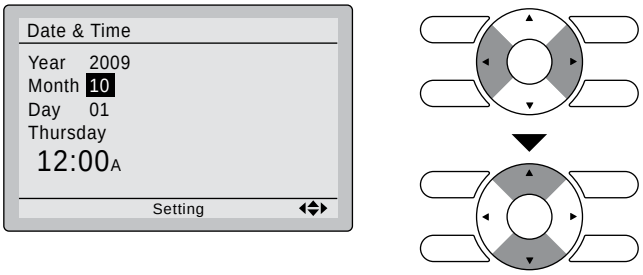
Holding down the button causes the number to change continuously.



Step 4.

Select "Month" with ◄► buttons. Change the month with ▼▲ buttons.

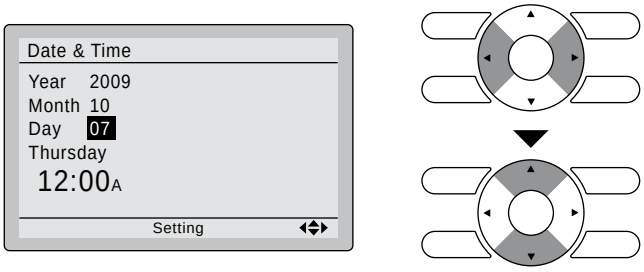
Holding down the button causes the number to change continuously.



Step 5.

Select "Day" with ◄► buttons. Change the day with ▼▲ buttons.

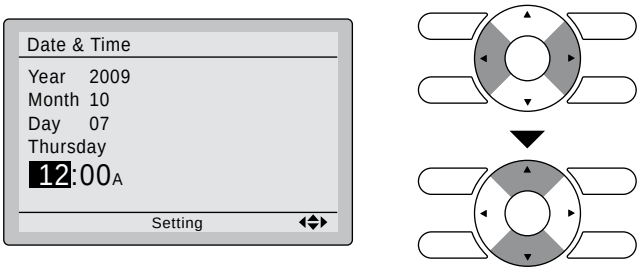
Holding down the button causes the number to change continuously. Days of the week change automatically.



Step 6.

Select "Hour" with ◄► buttons. Change the hour with ▼▲ buttons.

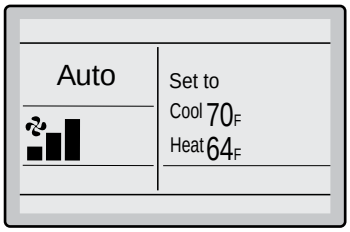
Holding down the button causes the number to change continuously.



Standard and Detailed Display Modes

Displaying Room Temperature, Day, and Time

The Liquid Crystal Display (LCD) screen offers two display modes. The **Standard Display** (below) is set by default.



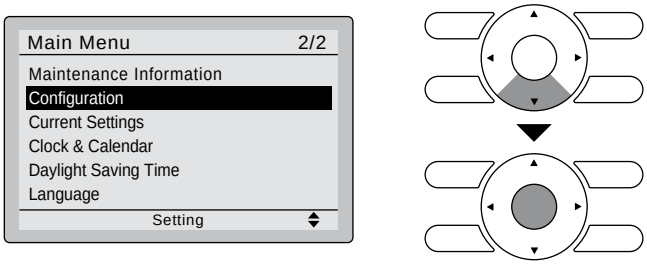
Standard display

If you want to display Room Temperature and/or Day and Time, **Detailed Display** should be selected.

Select **Detailed Display** as follows.

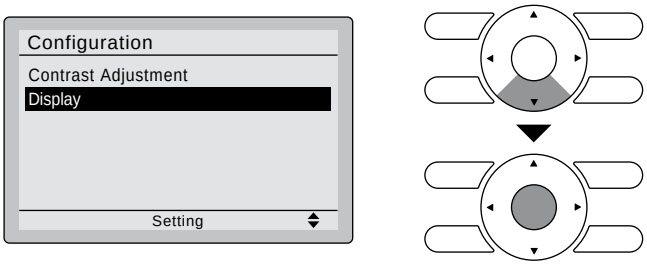
Step 1.

In main menu, press ▼ button to select Configuration and press Menu/OK button.



Step 2.

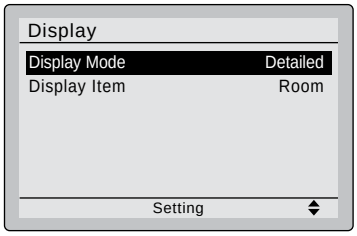
In "**Configuration**" screen, press ▼ to select Display and press Menu/OK button.

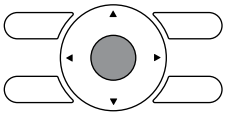


Standard and Detailed Display Modes (Continued)

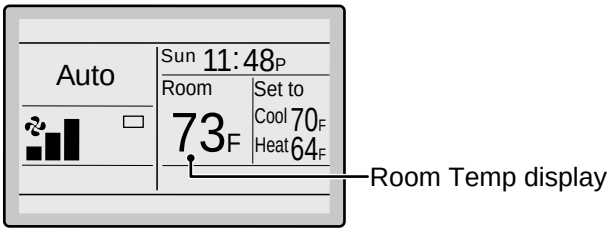
Step 3.

In "**Display**" screen, press ▼ to select Display Mode - Detailed and press Menu/OK button.





Notes: *1. When in the detailed display menu, select room temperature. The two other items; "Outside Air Temp". and "System", are for future use.*
2. The displayed contents of the screen vary with the operation mode of the WSHP unit model.
3. The following display will appear when the WSHP unit is in automatic operation:

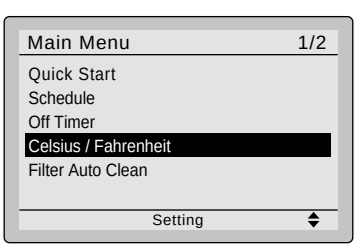


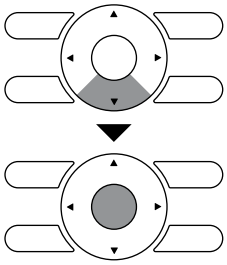
Detailed display

Displaying Temperature In Fahrenheit or Celsius

Step 1.

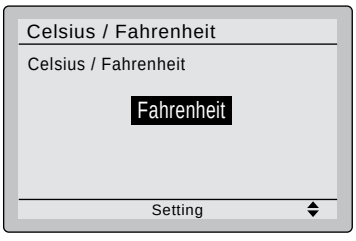
From the "**Main Menu**" screen, press ▼ button to select Celsius / Fahrenheit. Press Menu/OK button to display the Celsius / Fahrenheit screen.

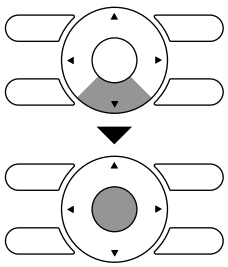




Step 2.

Press ▼ button to select Celsius or Fahrenheit. Press Menu/OK button to select.

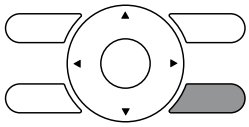




Entering Maintenance Contact Information

Step 1.

From the Basic (Standard or detailed display) screen, press and hold the "**Cancel**" button for 4 seconds or longer.

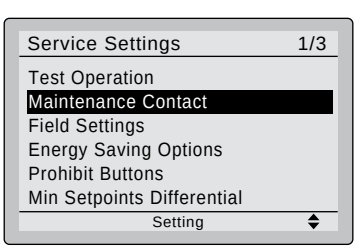


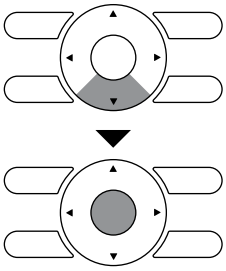
Press and hold the "Cancel" button for 4 seconds or longer

The "**Service Settings**" menu will appear.

Step 2.

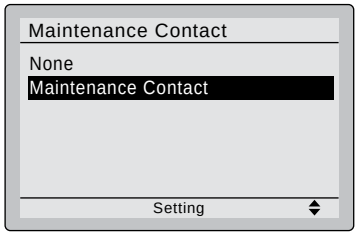
Press the ▼ button to select Maintenance Contact. Press the Menu/OK button.

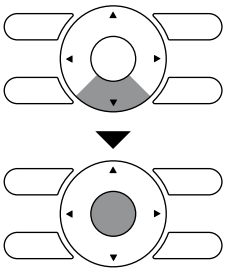




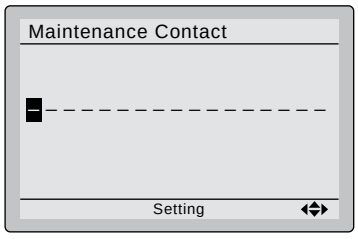
Step 3.

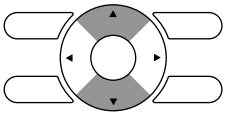
Press the ▼ button to select Maintenance Contact. Press the Menu/OK button.





The "**Maintenance Contact**" entry screen will appear.





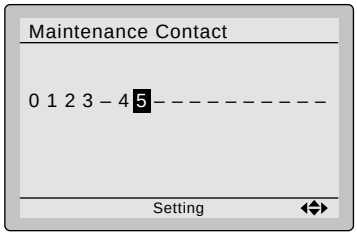
Enter the telephone number. Scroll through the numbers with the ▲▼ (Up/Down) buttons.

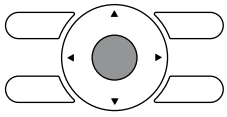
Note: *Enter the telephone number using the ▲▼ buttons to scroll through the numbers. Start from the left side. Use the ◄► buttons to shift the cursor left or right. Blank digits should remain as "–".*

Entering Maintenance Contact Information (Continued)

Step 4.

Press the Menu/OK button, and the setting confirmation screen is displayed as shown in Step 5.



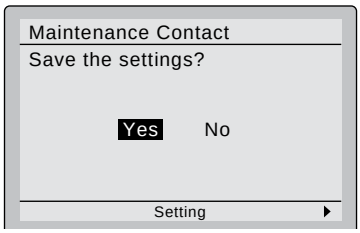


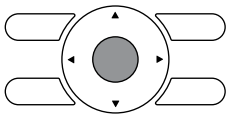
Press Menu/OK button.

Step 5.

Select Yes and press the Menu/OK button.

<Setting confirmation screen>





Press Menu/OK button.

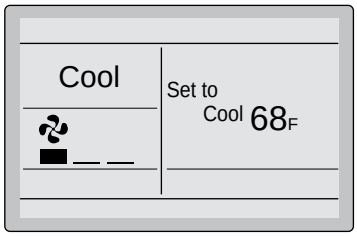
<Service Settings menu screen>

Setting details are determined and the "**Service Settings**" menu screen returns.

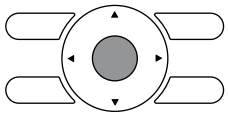
Confirmation Registered Details

Step 1.

Press the Menu/OK button in the basic screen.



Basic screen

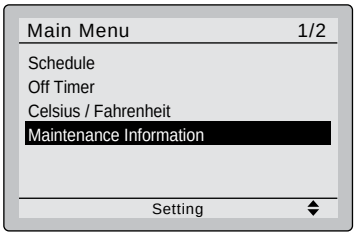


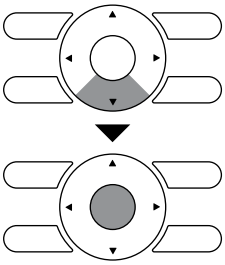
Press Menu/OK button.

Main menu is displayed.

Step 2.

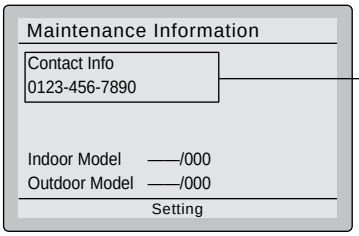
Press the ▼ button to select Maintenance Information. Press the Menu/OK button.





Main menu screen

The registered contact information details are displayed.

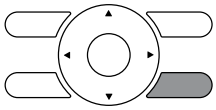


Registered details are displayed.

Main menu screen

Step 3.

Press the "**Cancel**" button twice, and the basic screen returns.

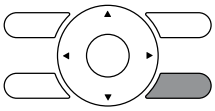


Press the "Cancel" button twice.

Field Settings

Step 1.

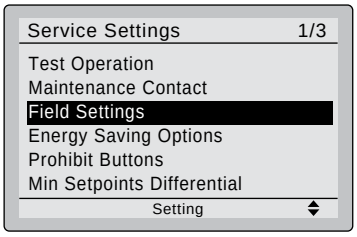
Push any button to activate backlight. Press and hold the "**Cancel**" button for 4 seconds or longer, to enter "**Service Settings**" menu screen.

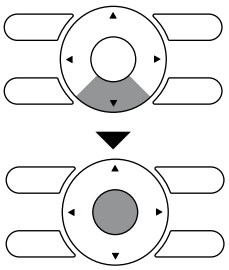


Press and hold the "Cancel" button for 4 seconds.

Step 2.

Press the ▲▼ button to select Field Settings. Press the Menu/OK button.



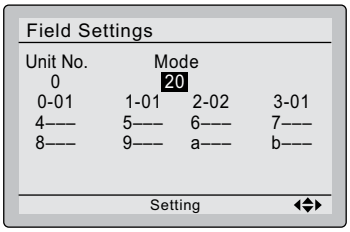


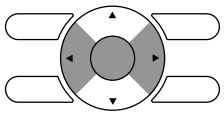
Press Menu/OK button.

Field Settings (Continued)

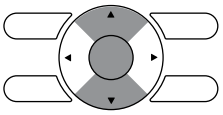
Step 3.

Select Field Settings by pressing the ◄ ► buttons to select items, and the ▲▼ buttons to select value. Press ◄► buttons to select Mode number. Refer to Table 14 on page 15.





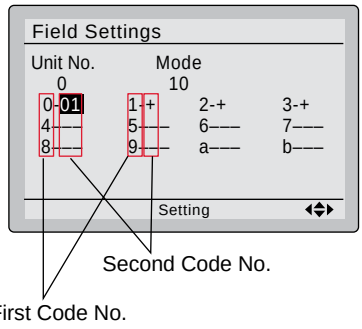
Use the ◄ and ► buttons to select items.

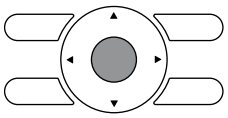


Use the ▲ and ▼ buttons to select the value.

Step 4.

Press the ◄ or ► buttons to highlight the SECOND CODE NO. of the FIRST CODE NO. to be changed.

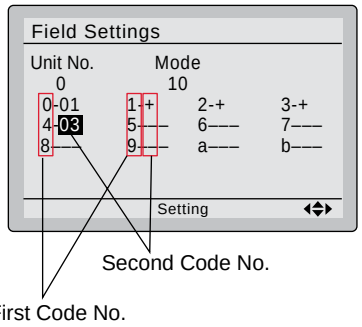


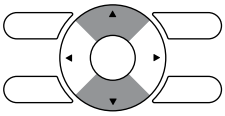


Press Menu/OK button.

Step 5.

Press the ▲or▼ button to change the Second Code to its new value. Refer to Table 14 on page 15

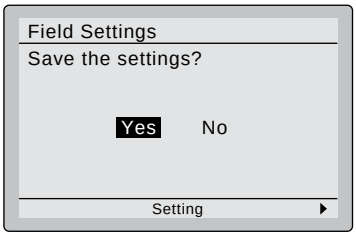


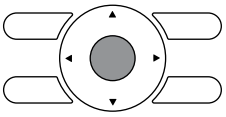


Note: *When the SECOND CODE NO. is displayed as "–", there is no function.*

Step 5.

Press the Menu/OK button, and the confirmation screen is displayed. Select Yes and press the Menu/OK button.





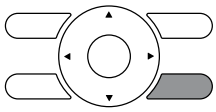
Press Menu/OK button.

Setting Confirmation

Setting details are determined and the "**Field Settings**" screen returns. In the case of multiple setting changes, repeat "**Step 1** through **Step 5**".

Step 7.

After all setting changes are completed, press the "**Cancel**" button twice.



Press the "Cancel" button twice.

Backlight goes out, and "C**hecking the connection. Please stand by**" is displayed for initialization. After the initialization, the basic screen returns.

Note: *1. Installation of optional accessories on the unit may require changes to field settings. See the manual for the optional accessory.*
2. For field setting details related to the unit, see the installation manual shipped with the unit.

Regarding Specific Field Setting Changes

NOTICE

In the next three sections, "Setting The Fan Mode", "Enabling Setback Temperature Control", and "Activating Filter Change Indicator", a shorthand notation is used to refer to the Mode Number, First Code No., and Second Code No.

For example, "22-06-02" means, (Mode 22 - First Code No. 06 - Second Code No. 02)

Mode & Code Settings

Table 14: Unit & remote controller field settings

Mode No. (Note 1)	First Code No.	Description	Second Code No. (Note 2) (Tinted cells are factory default settings)			
			01	02	03	04
1b	7	STANDBY icon	Display in Defrost or Hot Start	Not displayed		
1c	1	Thermistor sensor used for Auto-changeover and Setback control	Return Air Thermistor return air temperature displayed on controller as room temperature	Remote Controller Thermistor - remote controller temperature displayed on controller as room temperature	– –	– –
1e	2	Setback availability	N/A	Heating mode only	Cooling mode only	Cooling/Heating modes
	4	Schedule and Auto-changeover enabled when multi zone controller is detected (Note 1)	No	Yes	– –	– –
	9	CENTRAL CONTROL icon	Not displayed	Displayed when under control by a multi zone controller		
	10	Message when button pushed which has been prohibited by a multi zone controller	Key lock icon blinks for 5 seconds	Message displayed on screen: “Under Centralized Control - Adjustments at the remote controller are being restricted.”		
	11	Auto-changeover guard timer interval	15 minutes	30 minutes	60 minutes	90 minutes
20	2	Priority of thermistor sensors for space temperature control.	The return air thermistor is primary and the remote controller thermistor Is secondary.	Only the return air thermistor will be utilized.	Only the remote controller thermistor will be utilized.	–
	5	Room temperature value reported to multi zone controllers.	Return air thermistor	Thermistor designated by 10-2 above (Note 3).	–	–
	6	The remote controller thermistor is used in Remote Controller Group.	No	Yes	–	–
21	3					
	5	Number of stages of electric heater	1	2	3	
	6					
	7					
	8					
	9					

Mode & Code Settings (Continued)

Mode No. (Note 1)	First Code No.	Description	Second Code No. (Note 2) (Tinted cells are factory default settings)			
			01	02	03	04
22	0	KRP1B71 X1-X2 status output	Unit Thermistor On/Off status.	–	Indoor unit operation On/Off status	Unit Alarm status
	1	Unit T1-T2 input	Forced Off Closed Contact – Unit is forced off and Central Control icon is displayed. Unit cannot be turned on manually. Operation can be overridden by central control.	On/Off Closed Contact–Unit is turned off. Unit responds to last command, i.e., unit can be turned on manually or by central control after circuit has opened. Operation is prohibited when remote controller On/Off control is restricted by a multi zone controller.	External Protection Device Closed contact–unit shall resume normal operation. Open contact–unit shall shut down and generate an A0 error.	
	2	Thermo-On/Off dead band (Note 4).	2F (1C)	1F (0.5C)	–	–
	3	Fan Speed in Heating Thermo-Off	LL	User set	Off	–
	6	Fan Speed in Cooling Thermo-Off	LL	User set	Off	–

Notes: *1. Native remote controller Schedule and Auto-changeover functions are disabled when a multi zone controller is detected and a group address is assigned.*
2. Field settings are normally applied to the entire remote control group, however if individual units in the remote control group require specific settings or for confirmation that settings have been established, utilize the mode number in parenthesis.
3. Any features not supported by the installed unit will not be displayed.
4. When mode 10-2-01 is selected, only the return air temperature value is reported to the multi zone controller.
5. The actual default dead band value will depend upon the unit model.

Specific Field Settings Changes

Notes: *1 Refer to page 13 - 14 for a step by step procedure for selecting the Mode Number and the First Code Number, and changing the Second Code Number.*
2. For the remainder of the Field Settings section [or alternatively] In the next three sections, "Setting The Fan Mode", "Enabling Setback Temperature Control", and "Activating Filter Change Indicator"

Setting The Fan Mode

Continuous Or Auto On/Off

Factory Default Settings:

22-06-02: In cooling mode, when there is no call for cooling, the fan runs continuously at the speed selected on the Remote Controller.

22-03-01: In heating mode, when there is no call for heating, the fan runs continuously at low speed.

Fan Off When Satisfied

Step 1.

Hold "**Cancel**" button for 5 seconds to display "**Service Menu**". Scroll down to "**Field Settings**". Select by pressing Menu/OK.

Step 2.

Press ▲▼ buttons until the mode number reaches 22.

Press ◄► buttons until the space next to 06 is highlighted (**cooling mode**)

Press ▲▼ buttons until the number reads 03, and press Menu/OK to select.

Select "**Yes**" when asked to save the settings, and press Menu/OK to select.

Step 3.

Press ◄► buttons until the space next to 03 is highlighted (**heating mode**)

Press ▲▼ buttons until the number reads 03, and press Menu/OK to select.

Select "**Yes**" when asked to save the settings, and press Menu/OK to select.

Step 4.

Press the "**Cancel**" button twice, and the basic screen returns.

Mode	First Code No.	Description	Second Code No.		
			01	02	03
22	3	Fan Speed in Heating Thermo-Off	LL	User set	Off
	6	Fan Speed in Cooling Thermo-Off	LL	User set	Off

Enabling Setback Temperature Control

Unit On = Occupied period = Comfort Control

- Indoor unit maintains the room temperature at the set-point in the cooling/heating mode
- Comfort setpoint range is configurable in each cooling and heating mode on the remote controller

Unit Off = Unoccupied period = Setback Control

Enable Setback

- Setback function is disabled (1e-2-01) by default
- To enable it, set 1e-2-04
- Field setting is available in the Service Settings

Refer to "Field Settings" on page 13 for step-by step instructions.

Activating Filter Change Indicator

Refer to "Field Settings" on page 13 for step-by step instructions.

Table 15: "Time to change filter" message; enable/disable

Code	"Time to change filter" message
20-3-01	Enabled by default
20-3-02	Disabled

Table 16: "Time to change filter" message settings

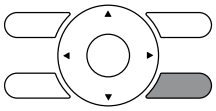
Code	"Time to change filter" message
20-0-2 and 20-1-1	Displays after 1250 hours
20-0-1 and 20-1-1	Displays after 2500 hours
20-0-2 and 20-1-2	Displays after 5000 hours
20-0-1 and 20-1-2	Displays after 10,000 hours

Limiting Setpoint Ranges

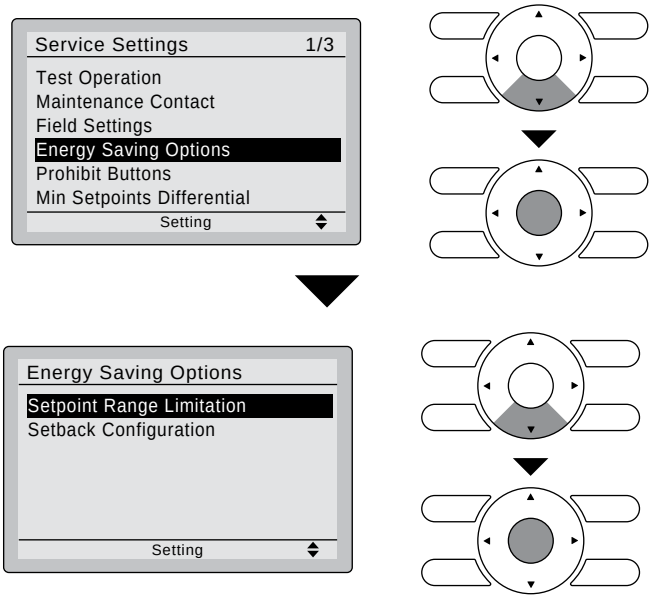
- User can change the setpoint within the range
- Setup setpoint is configurable between Cool setpoint max + 2°F (1°C) and 95°F
- Setback setpoint is configurable between Heat setpoint min – 2°F (1°C) and 40°F

Step 1.

Press and hold the "**Cancel**" button for 4 seconds or longer, to enter "**Service Settings**" menu screen.



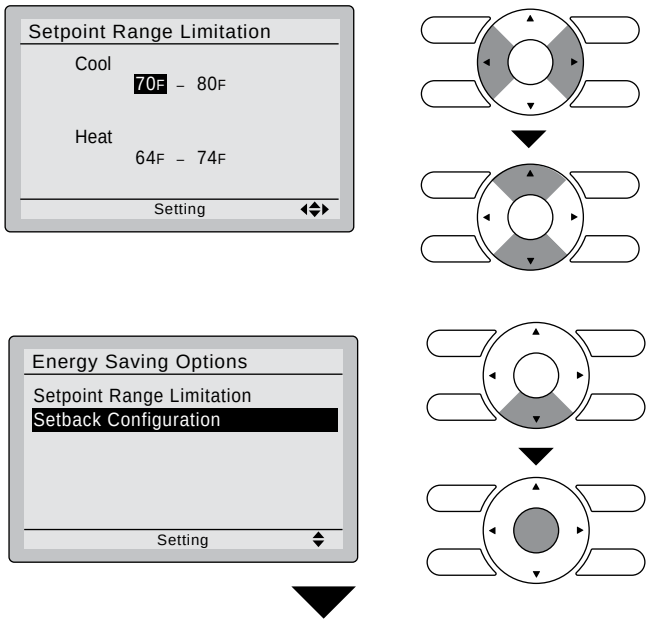
Press and hold the "Cancel" button for 4 seconds.



Step 2.

Select the temperature item with ◄► buttons. Change the temperature with ▼▲ buttons.

Holding down the ▼ or▲ button causes the number to change continuously.



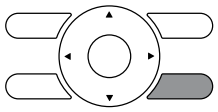
Setting The Setback On/Off Differential

Note: *Setback Configuration won't be available if you have not enabled the setback control (Field setting 1e-2-04 is necessary).*

- Determine the point when unit is turned off again from the setback control (the unit is turned on by setback control when room temperature is above the setup setpoint or below the setback setpoint)

Step 1.

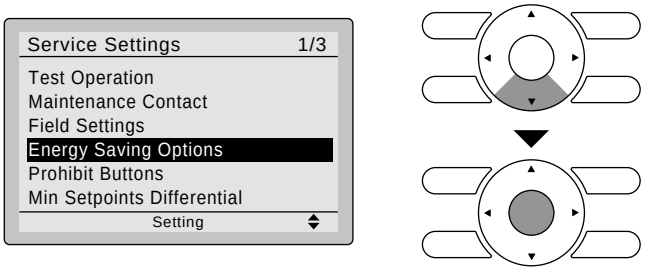
Press and hold the "**Cancel**" button for 4 seconds or longer, to enter "**Service Settings**" menu screen.



Press and hold the "Cancel" button for 4 seconds.

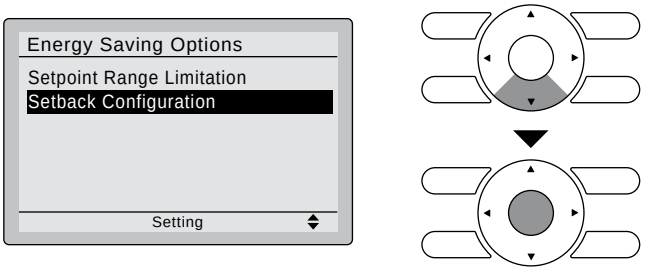
Step 2.

Press the ▼ button to select Energy Saving Options. Press the Menu/OK button.



Step 3.

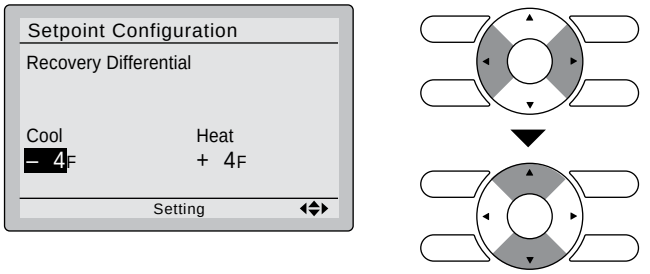
Press the ▼ button to select Setback Configuration. Press the Menu/OK button.



Step 4.

Select the temperature item with ◄► buttons. Change the temperature with ▼▲ buttons.

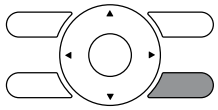
- Setup setpoint - 4°F as default (2 - 10°F selectable)
- Setback setpoint + 4°F as default (2 - 10°F selectable)



Setting The Minimum Differential Between Cooling and Heating Setpoints

Step 1.

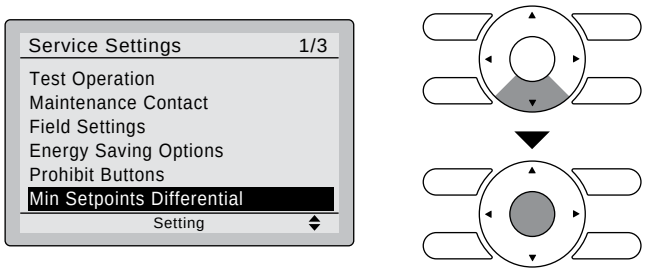
Press and hold the "**Cancel**" button for 4 seconds or longer, to enter "**Service Settings**" menu screen.



Press and hold the "Cancel" button for 4 seconds.

Step 2.

Press the ▼ button to select Min Setpoints Differential. Press the Menu/OK button.



Step 3.

Select the "**Min Setpoints Differential**" item with ▼▲ buttons.

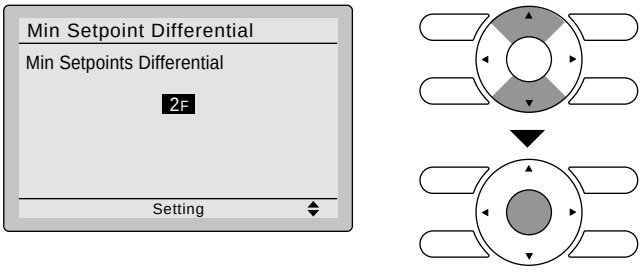
Note: *Default is 2°F, configurable 0 – 7°F (0 – 4°C)*

- Setup setpoint - 4°F as default (2 - 10°F selectable)
- Setback setpoint + 4°F as default (2 - 10°F selectable)

When Multi zone controller is connected, the differential is set to 0°F automatically and is not adjustable.

Step 4.

Change the differential value with ▼▲ buttons. Press the Menu OK button.

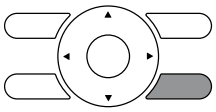


Press Menu/OK button

Prohibiting Remote Controller Keys

Step 1.

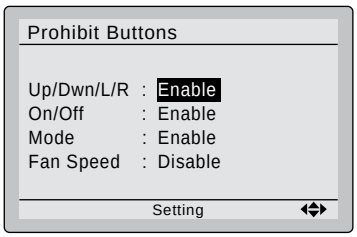
Press and hold the "**Cancel**" button for 4 seconds or longer, to enter "**Service Settings**" menu screen.

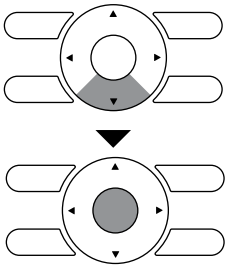


Press and hold the "Cancel" button for 4 seconds.

Step 2.

Press the ▼ button to select Prohibit Buttons. Press the Menu/OK button.



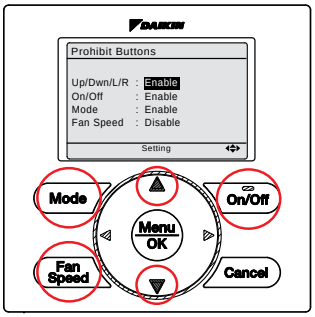


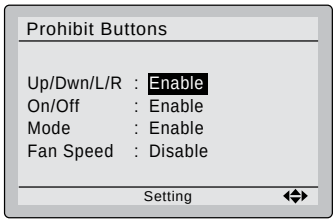
Press Menu/OK button.

Step 3.

Press the ▼ button to select button item and ► button to select Enable/Disable. Press the Menu/OK button.

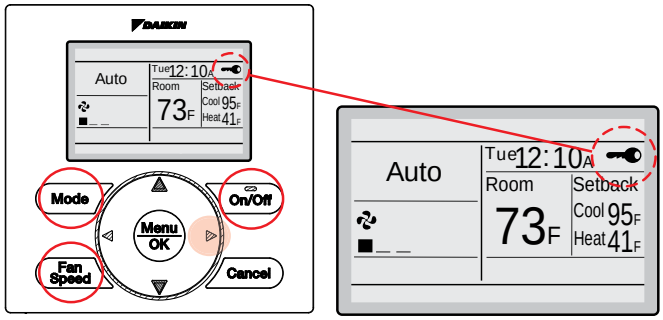
Note: *Menu/OK, Cancel and the prohibited button(s) will not be available.*





Step 4.

At the main display, holding ► button, push "**Mode**", "**Fan Speed**" and "**Cancel**" at the same time, and Access Level is enabled.



Step 5.

To release it, same as in "Step 1.". Then when the prohibited button is pushed, the (key) icon will blink three times.

Basic Operation

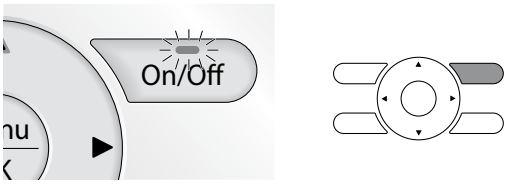
LCD (With Backlight)

Push any button to activate backlight, buttons then resume normal operation. Backlight automatically turns off 30 seconds after last button push.

Note: *If two remote controllers are used to control a single unit, only the controller to be accessed first will have backlight functionality.*

On/Off Button

Press On/Off button. The Operation lamp (green) will illuminate and the system will start operating.



When the On/Off button is pressed again, the system will stop operating and the operation lamp will turn off.

Notes:
1. *When the system is stopped while in the heating mode, the fan will continue to operate for approximately one minute to remove residual heat from the WSHP unit.*
2. *To prevent water damage or system failure, do not immediately remove power from the WSHP unit following system operation. Wait at least five minutes for the condensate pump to finish draining residual water from the unit.*

Setback Feature

Unit On = Occupied period = Comfort control

- Indoor unit maintains the room temperature at the setpoint in the cooling/heating mode
- Comfort setpoint range is configurable in each cooling and heating mode on the remote controller, see "Limiting Setpoint Ranges" on page 17.

Unit Off = Unoccupied period = Setback control

- The remote controller maintains the room temperature between the setup and setback setpoints, turning the unit on/off when necessary
- Setpoints in the unit are not changed

The Setback feature will maintain the space temperature in a specific range during unoccupied periods.

Notes:
1. *This function will temporarily start a WSHP unit that was previously turned off by the user pressing the On/Off button on the remote controller, or turned off from a schedule event / off timer.*
2. *This function must be enabled by the user or system installer. See "Enabling Setback Temperature Control" on page 17.*

Setback Feature (Continued)

Step 1.

The setback icon flashes when the unit is turned on under the setback control.

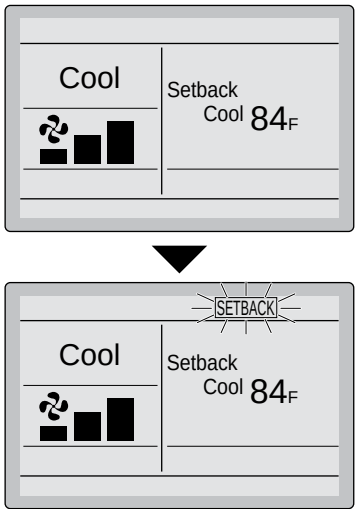


Table 17: Setback features and functions

Property	Values	Function
Cool Setpoint Range	Configurable in 60-90°F	Setpoint cannot be set out of the range
Heat Setpoint Range	Configurable in 60-90°F	
Setup Setpoint	Cool setpoint rang max. +2°F to 95°F	Turn on/off the units when necessary
Setback Setpoint	40°F to Heat setpoint range min. -2°F	
Schedule	Events (time, on/off, C/H set-points or setback setpoints)	Alternative of manual operation
Time clock	Day and time	48hr backup

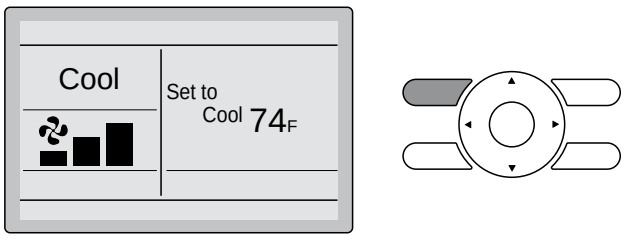
Cool/Heat/Auto Modes

Preparation

Note: *For mechanical protection purposes, apply power to the system units at least six hours before starting the operation of the system.*

Step 1.

Press the Operation mode selector button several times until the desired mode, Cool, Heat, Fan or Auto mode is selected.

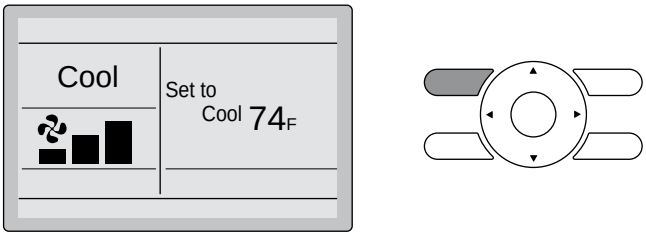


Notes:
1. *Unavailable operation modes are not displayed.*
2. ***Before changing the mode**, confirm that the display does not indicate master controlled status. Both heat and cool mode may not be selected*

Step 2.

The setpoint will increase by 1°F (or 1°C) when ▲ button is pressed and decrease by 1°F (or 1°C) when ▼ button is pressed.

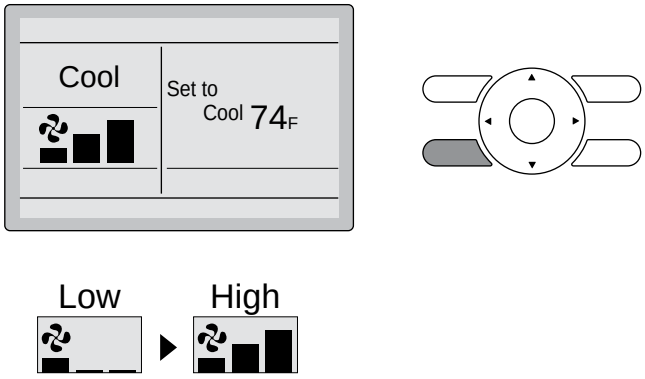
Note: *Setpoint is not available in fan or dry mode.*



Step 3.

To change the fan speed, press the Fan speed control button and select the desired fan speed from Low or High.

Notes:
1. *The system may be in automatic fan speed control for equipment protection purposes.*
2. *The system may be in automatic fan speed control according to the room temperature. It is normal for the fan to intermittently stop operating.*
3. *It is normal for a delay to occur when changing the fan speed.*



Characteristics Of Heat Mode

The system automatically controls the following operating modes to prevent the reduction of heating capacity and space comfort.

Desuperheater Operation

The optional desuperheater pump will only operate in heating mode if the unit can provide more capacity than is required for space heating.

See IOM 1160, “SmartSource Inverter Water Source Heat Pumps -- Installation & Maintenance Data” for more information on the Desuperheater option.

Hot Start

When the system goes into heat mode, the WSHP unit fan will stop in order to prevent a cold draft. (In that case, “STANDBY” “ STANDBY ” (Defrost/Hot start) will be displayed on the remote controller.)

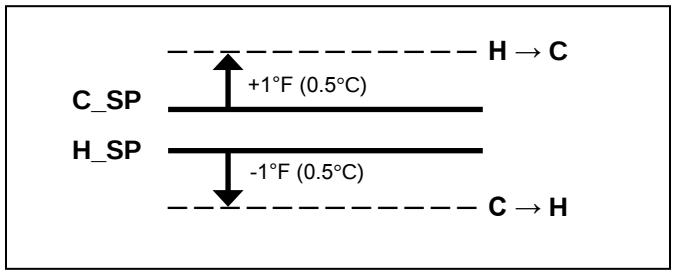
Auto Mode in Remote Controller

H → C:

- Room temp. ≥ C_SP + 1°F (0.5°C)

C → H:

- Room temp ≤ H _ SP − 1°F (0.5°C)



Note: *C_SP and H_SP can be set independently keeping the minimum setpoint differential (0-7°F configurable, 2°F default)*

1 Hour Guard Timer

- Upon changeover, guard timer will prevent another changeover during this period
- Guard timer can be overridden by a change of setpoint manually or by schedule
- Timer is configurable to 15, 30, or 90 minutes with the field setting

Dry Mode

Characteristics Of Dry Mode

The Dry Mode dehumidifies the space at reduced cooling capacity to prevent the room temperature from dropping to uncomfortable levels. In Dry Mode, the system maintains automatic temperature and fan speed control. The fan only operates at low, regardless of whether the controller is set for low or high fan speed.

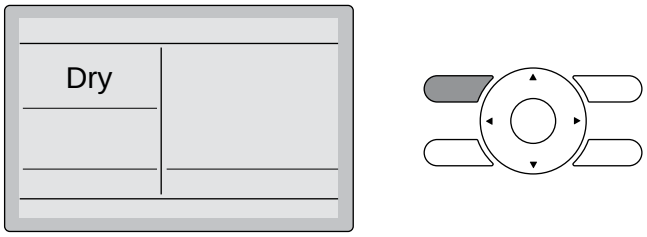
On entering dry mode, the control system takes note of the current Room Temperature (Tro).

- If Tro > 76.1°F (24.5°C), the controller cycles on and off in cooling mode to keep the room temperature between Tro and (Tro-2.7°F).
- If Tro ≤ 76.1°F, the controller cycles on and off in cooling mode to keep the room temperature between Tro and (Tro-1.8°F).

As shown in Figure 10, while in Dry Mode Operation, the fan operates at low (L) flow rate, stops for a period of six minutes while the thermostat is OFF, and then returns to operation at (L) flow rate. (This control is used to prevent a rise in indoor temperature while in thermostat OFF mode.)

Step 1.

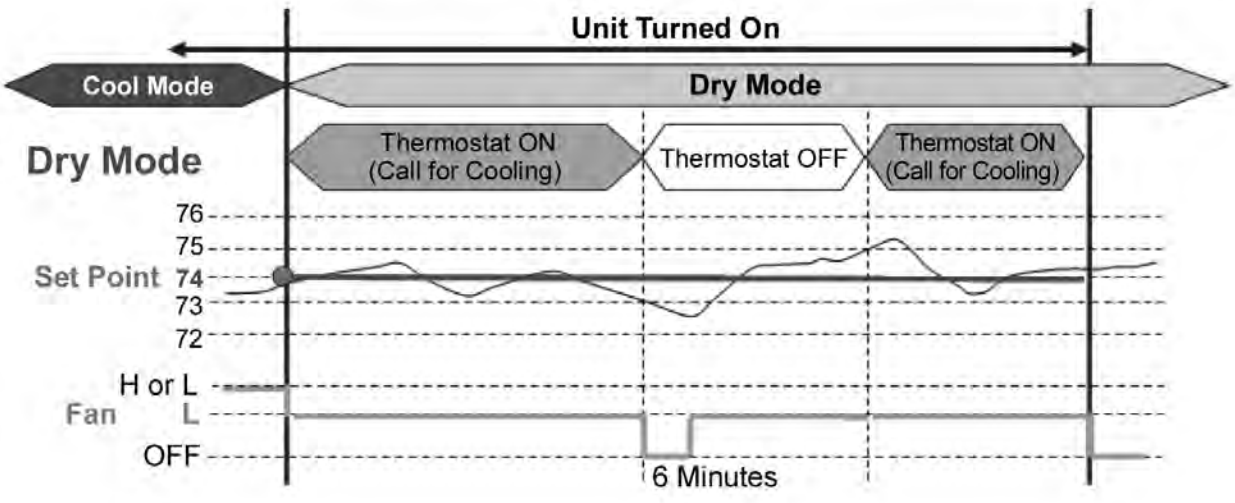
Press Mode button several times until the Dry mode is selected.



Note: *In Dry mode, the system maintains automatic temperature and fan speed control. Therefore, temperature setpoint or fan speed settings are not available while the WSHP unit is in the Dry mode.*

Note: *To prevent water damage or system failure, do not immediately remove power from the WSHP unit following system operation. Wait at least five minutes for the condensate pump to finish draining residual water from the unit.*

Figure 10: Dry Mode sequence of operation

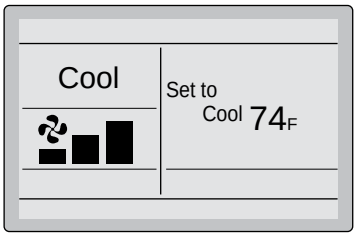


Key Lock

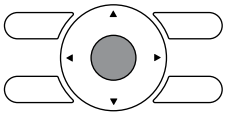
Note: *Confirm and cancel Key Lock settings in the basic display screen. Refer to Figure 11*

Step 1.

Press the Menu/OK button for at least four seconds. (While the backlight is illuminated).



Basic screen



Step 2.

"🔑" will appear. All buttons are disabled when the keys are locked.

To cancel the key lock mode, continue pressing Menu/OK button for at least four seconds. (While the backlight is illuminated).

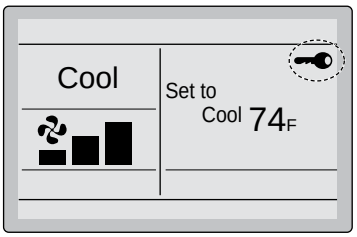
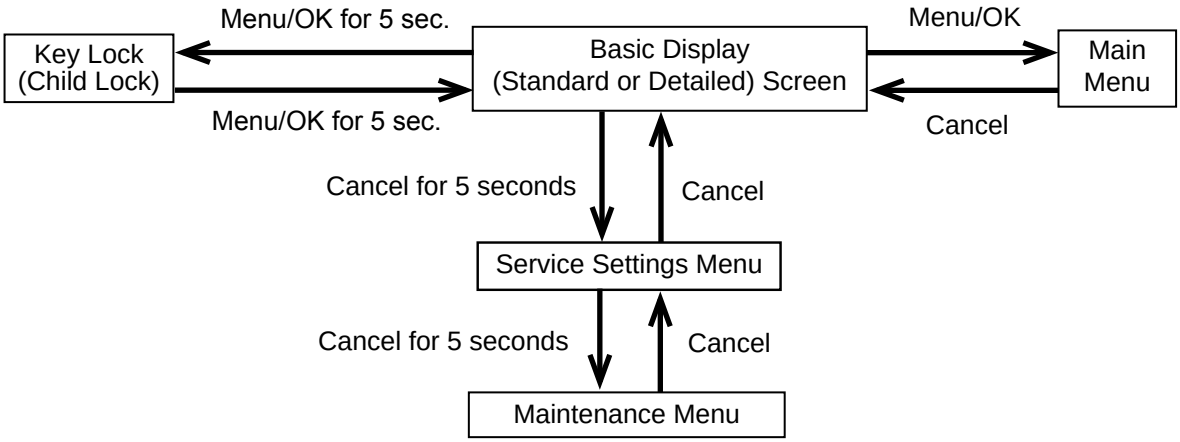


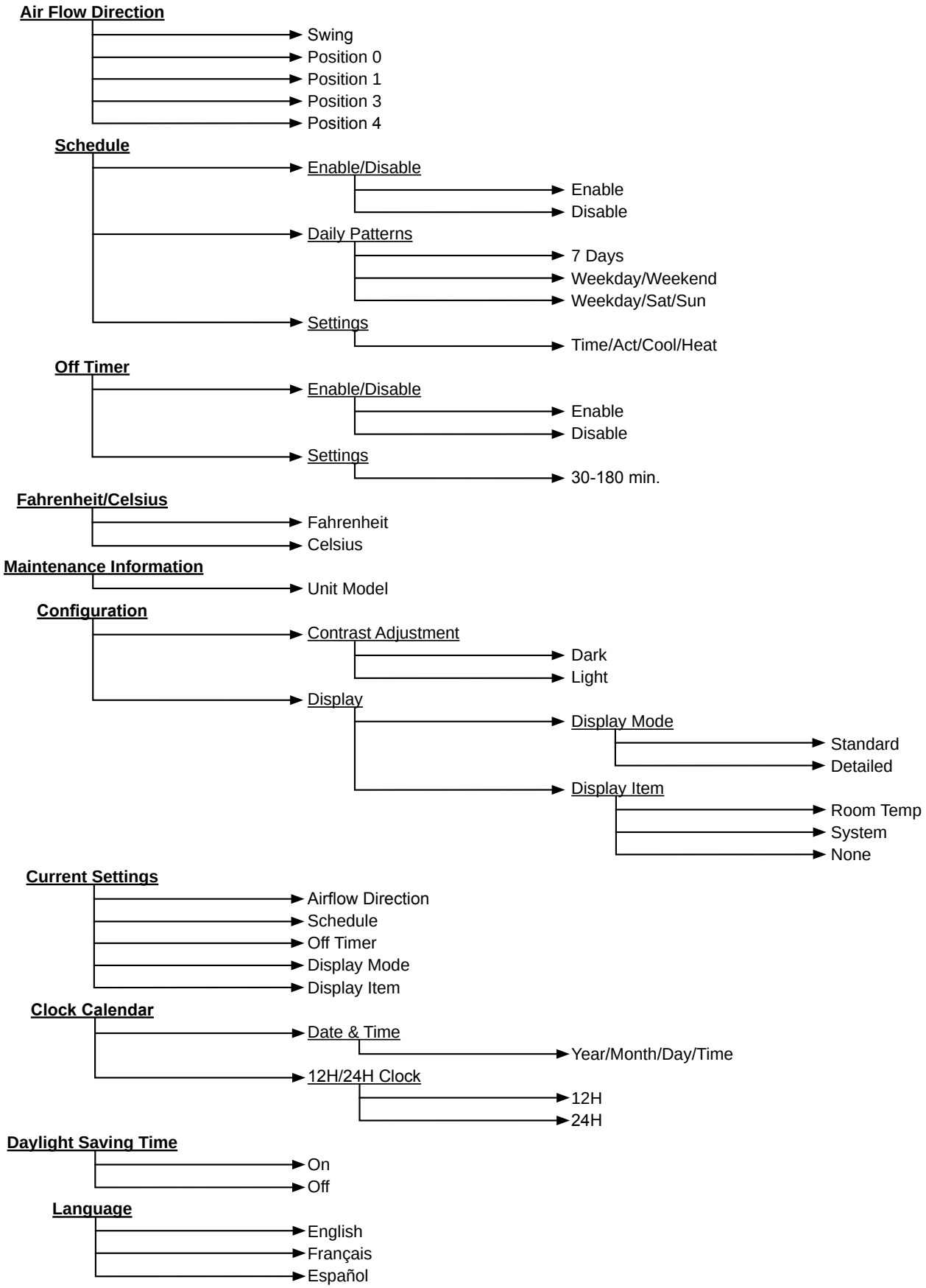
Figure 11: Menu Structure Example



Main Menu

Main Menu Structure

Figure 12: Main menu structure



Main Menu

Quick Reference

Figure 13: Main menu quick reference

Menu Item		Description	Page
Schedule	**Daily Patterns Settings**	Used to schedule the dates and times of events such as set point changes and turning the controller off (unoccupied) or on (occupied).	See below
Off Timer		**Used to set each operation period of the system.** Possible to set in 10 minute increments from 30 to 180 minutes.	page 27
Celsius / Fahrenheit		Used to select whether temperature values will be displayed in Celsius or Fahrenheit.	page 12
Maintenance Information		Used to display the maintenance information.	page 12
Configuration	**Contrast Adjustment**	Used to make LCD contrast adjustment.	page 28
Display	Standard or Detailed Display	**Used to set standard or detailed display mode.** Display mode (Standard or detailed display). Detailed display provides the choice to display between Room Temp, Outside Air Temp, System or None.	page 11
Current Settings		Used to display a list of current settings for available items.	page 30
Clock & Calendar	**Date & Time**	Used to configure date and time settings and corrections. The default time display is 12H. The clock will maintain accuracy to within ±30 seconds per month. If there is a power failure for a period not exceeding 48 hours, the clock will continue working with the built-in backup power supply.	page 10
	12H/24H Clock	The time can be displayed in either a 12 hour or 24 hour time format.	page 10
Daylight Saving Time		Used to adjust the clock in observance of daylight saving time.	page 9
Language		The display language can be selected between English, Français or Español.	page 9

Note: Available setting items vary with the WSHP unit model.

Schedule

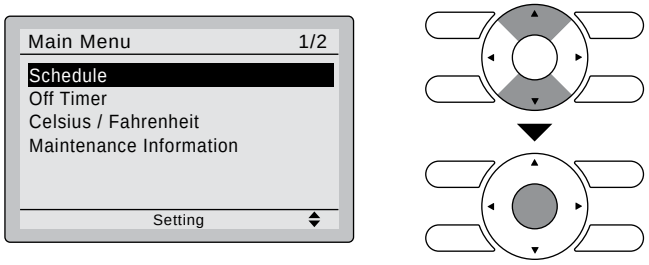
Setting The Schedule

Note: *The schedule cannot be enabled when a multi zone controller such as the Intelligent Touch controller is connected.*

Step 1.

Display the main menu screen by pressing the Menu/OK button.

Press ▼▲ buttons to select **Schedule**.

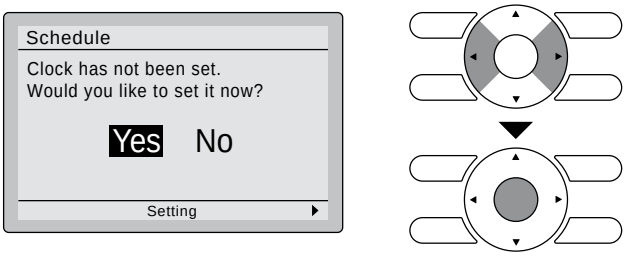


Press Menu/OK button to display the schedule screen.

Note: *Before setting the schedule, the clock must be set.*

If the clock has not been set, a screen like the one below will appear. Refer to "Setting The 12H/24H Clock" on page 10.

Press ◄► buttons to select **Yes** and press the Menu/OK button.



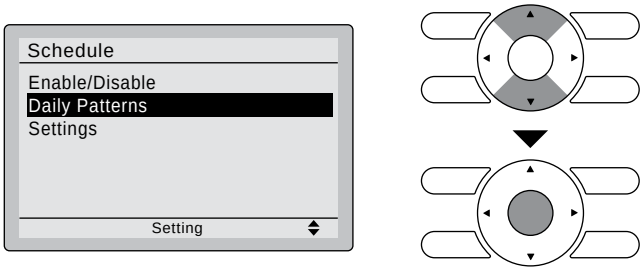
Daily Patterns

Step 1.

Select "Schedule" from the Main Menu. The schedule screen will appear.

Press ▼▲ buttons to select **Daily Patterns** on the schedule screen.

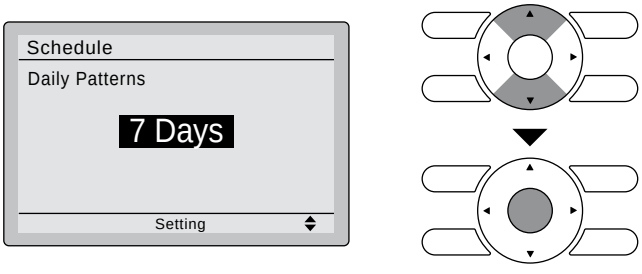
The daily patterns screen will appear when the Menu/OK button is pressed.



Step 2.

Press ▼▲ buttons to select **7 Days**, **Weekday/Weekend** or **Weekday/Sat/Sun** on the daily patterns screen.

The confirmation screen will appear when the Menu/OK button is pressed.

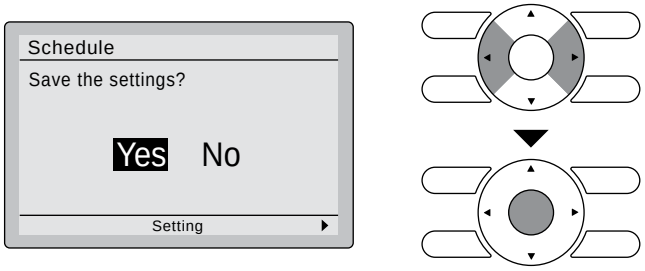


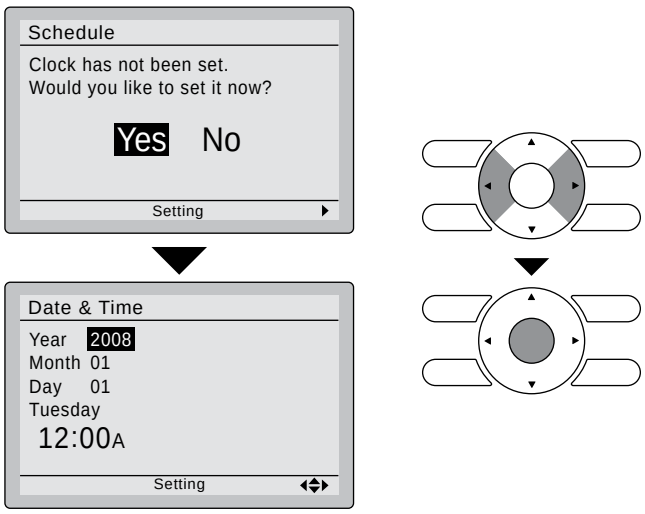
Daily Patterns (Continued)

Step 3.

Press ◄► buttons to select Yes on the confirmation screen.

Pressing the Menu/OK button enters the daily patterns in the schedule and takes you back to the main menu screen.





The date & time screen will appear.

Set the current year, month, day, and time. Refer to "Setting The Date & Time" on page 10)

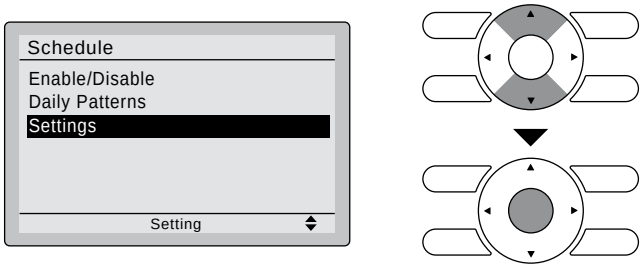
Settings

Step 1.

Select "Schedule" from the main menu. The schedule screen will appear.

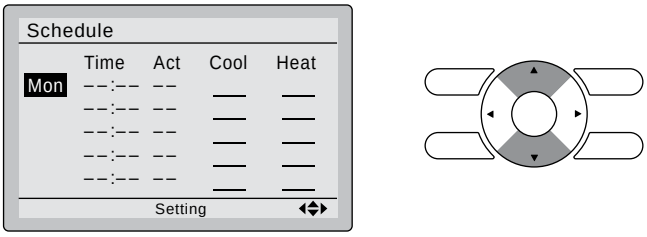
Press ▼▲ buttons to select Settings on the schedule screen.

The settings screen will appear when the Menu/OK button is pressed.



Step 2.

Press ▼▲ buttons to select the day to be set.

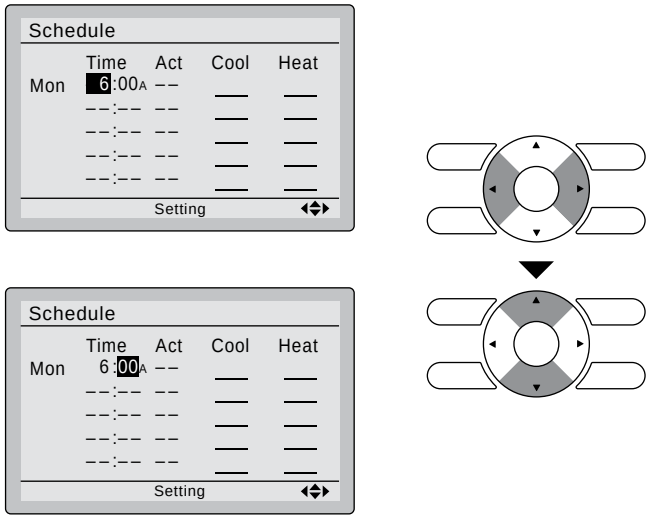


Step 3.

Input the time for the selected day.

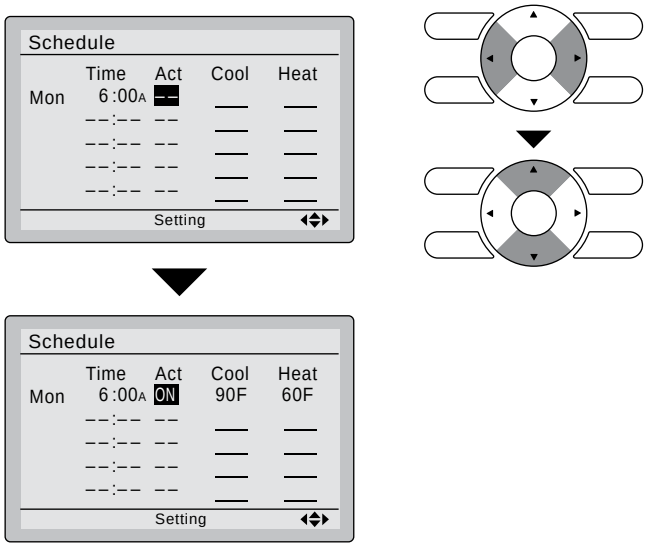
Press ◄► buttons to move the highlighted item and press ▼▲ buttons to input the desired operation start time.

Each press of ▼▲ buttons moves the numbers by 1 hour or 1 minute.



Step 4.

Press the ◄► buttons to move the highlighted item and press ▼▲ buttons to configure ON/OFF/-- settings. --, ON, or OFF changes in sequence when ▼▲ buttons are pressed.

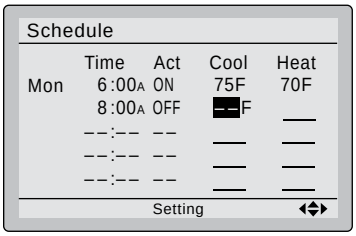


Settings (Continued)

ON: The temperature setpoints can be configured.

OFF: The setback temperature setpoints can be configured.

– –: The temperature setpoints and setback temperature setpoints become disabled.



The cooling and heating temperature setpoints for both ON and OFF (Setback) are configured.

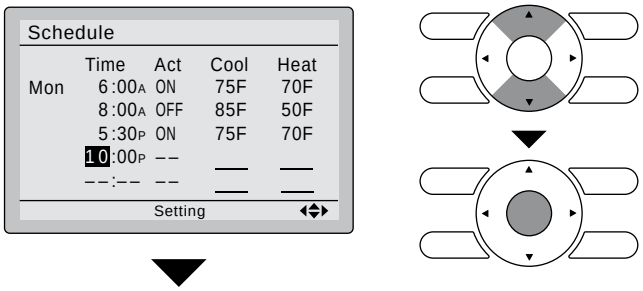
"_": Indicates that the temperature setpoint and setback temperature setpoint for this time period is not specified. The last active setpoint will be utilized.

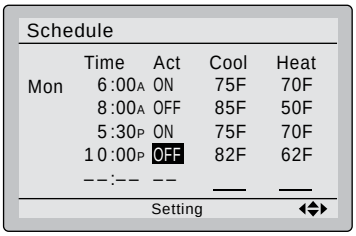
"--": Indicates that the setback function is disabled for this time period.

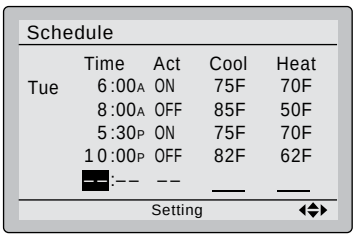
Step 5.

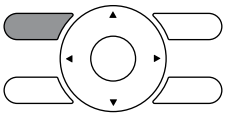
A maximum of five actions per day can be set.

Press the Menu/OK button when settings for each day are completed.









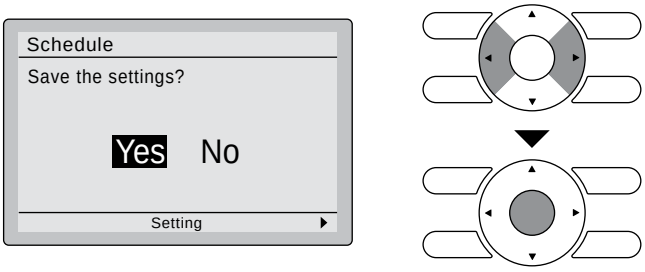
The confirmation screen will appear. To copy the settings for the previous day, press the Mode button so that the existing settings will be copied.

Example: The contents for Monday are copied by pressing the Mode button after selecting Tuesday.

Step 6.

Press ◄► buttons to select "Yes" on the confirmation screen.

Pressing the Menu/OK button confirms the settings for each day and takes you back to the main menu screen.

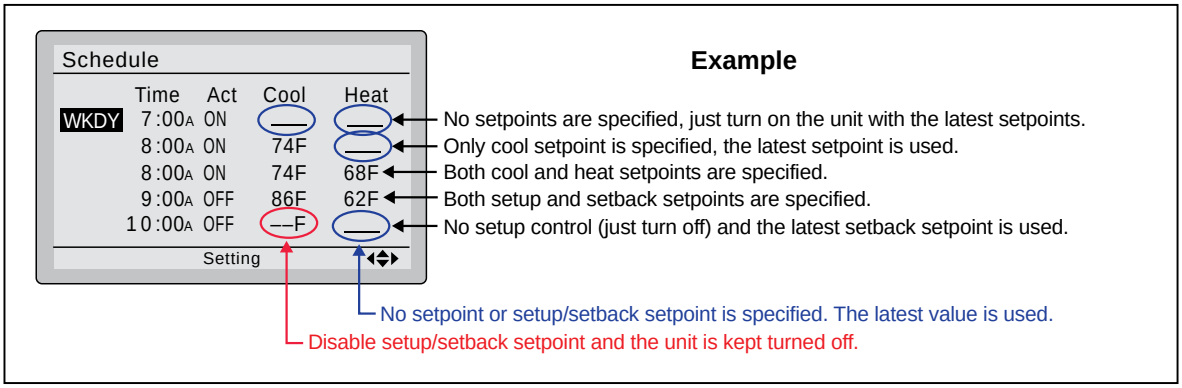


Step 7.

Note: *The example in Figure 14 assumes "Weekday/Weekend" or "Weekday/Sat/Sun" has been selected as the "Daily Patterns" setting.*

Press the ▼▲ buttons to select WKDY and ◄► buttons to select "Event". Press ▼▲ buttons to set "**Cool**" and "**Heat**" setpoint values.

Figure 14: Daily patterns example



Note: *"Event" in the schedule is to carry out for the manual operation at the time.*

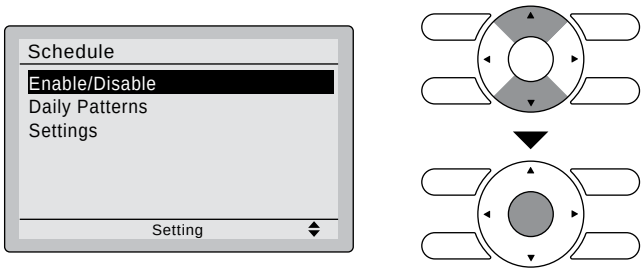
Enabling or Disabling The Schedule

Step 1.

Display the schedule screen. (See “Setting The Schedule” on page 24.)

Press ▼▲ buttons to select Enable/Disable on the schedule screen.

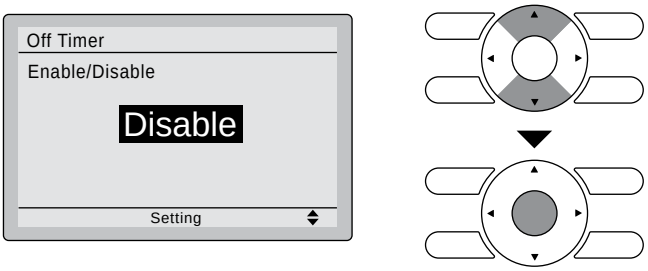
Press Menu/OK button to display the enable/disable screen.



Step 2.

Press ▼▲ buttons to select Enable or Disable on the enable/disable screen.

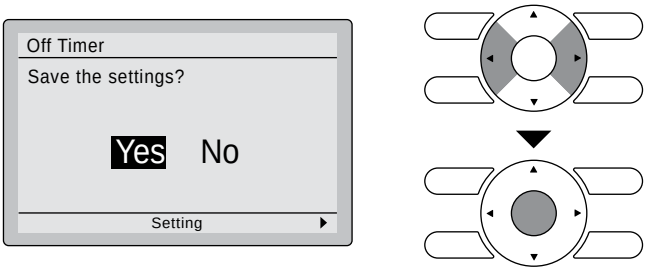
Press Menu/OK button after selecting the item. The confirmation screen will appear.



Step 3.

Press ◄► buttons to select Yes on the confirmation screen.

Pressing Menu/OK button confirms the enable/disable setting for the schedule and takes you back to the basic screen.



Off Timer

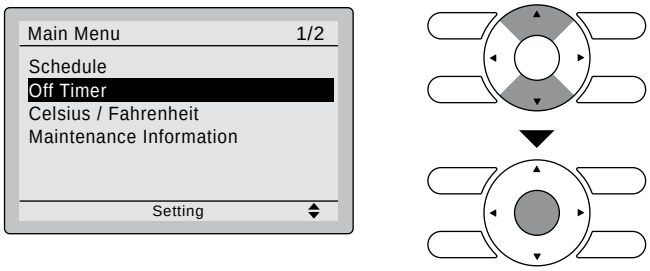
Configuring And Confirming The Off Timer Settings

Step 1.

Display the main menu screen by pressing the Menu/OK button.

Press ▼▲ buttons to select the Off Timer on the main menu screen.

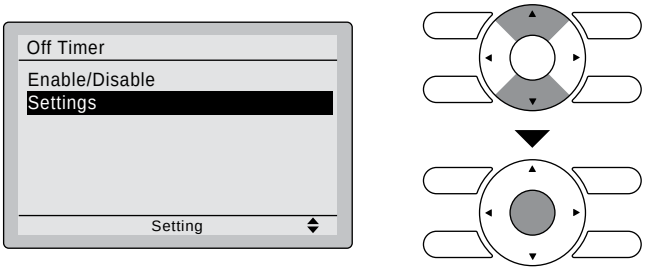
Press Menu/OK button to display the off timer screen.



Step 2.

Press ▼▲ buttons to select Settings on the off timer screen.

Press Menu/OK button to display the configuration screen.

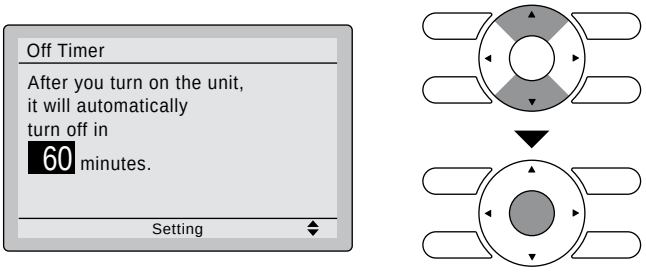


Step 3.

Use ▼▲ buttons to set the time from operation start until the unit automatically stops.

Selections can be made in increments of 10 minutes from 30 to 180 minutes.

Holding down the button causes the number to change continuously.



Select the desired time and press Menu/OK button.

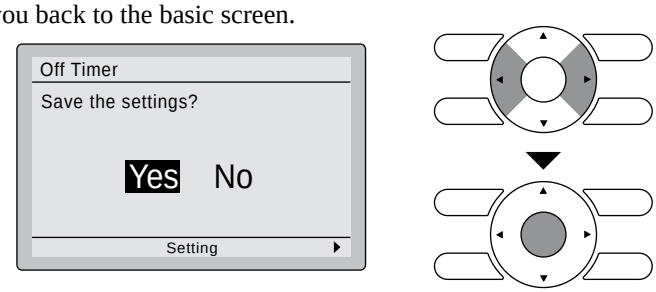
The confirmation screen will appear.

Off Timer (Continued)

Step 4.

Press ◄► button to select Yes on the confirmation screen.

Pressing Menu/OK button confirms the off timer and takes you back to the basic screen.



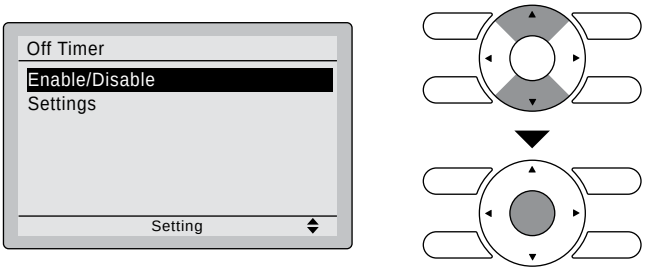
Enabling Or Disabling The Off Timer

Step 1.

Navigate to the off timer screen. (See "Configuring And Confirming The Off Timer Settings" on page 27.)

Press ▼▲ buttons to select Enable / Disable on the off timer screen.

Press Menu/OK button to display the enable/disable screen.



Step 2.

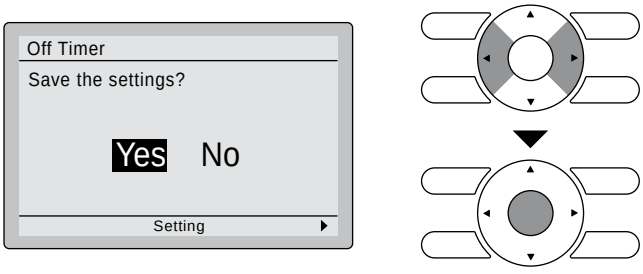
Press ▼▲ buttons to select Enable or Disable on the enable/disable screen.

Press Menu/OK button after selecting the item. Then the confirmation screen will appear.

Step 3.

Press ◄► button to select Yes on the confirmation screen.

Pressing Menu/OK button confirms the enable/disable for the off timer and takes you back to the basic screen.



Additional Main Menu Information

See Reference Page:

Menu Description		Page
Fahrenheit / Celsius		page 12
Maintenance Information		page 12
Configuration	Contrast Adjustment	Below
	Display	page 11 & page 29
Clock & Calendar		page 10
Date & Time		page 10
12H / 24H Clock		page 10
Daylight Savings Time		page 9
Language		page 9

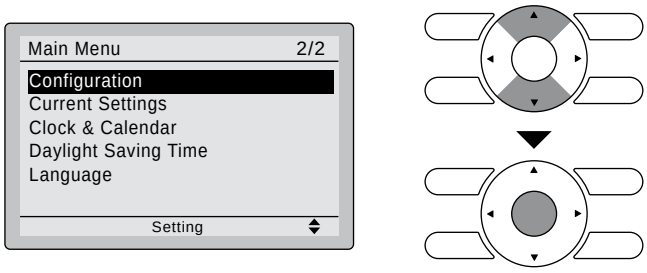
Contrast Adjustment

Step 1.

Display the main menu screen.

Press ▼▲ buttons to select Configuration on the main menu screen.

Press Menu/OK button to display the configuration screen.



Step 2.

Navigate to the configuration screen.

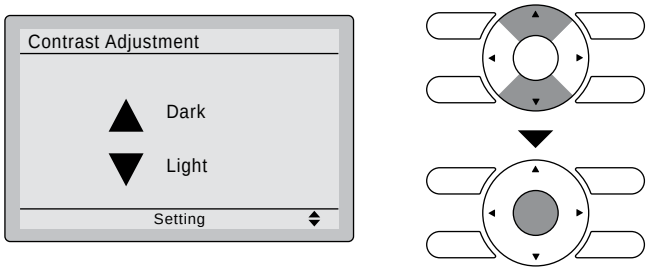
Press ▼▲ buttons to select Contrast Adjustment on the configuration screen.

Press Menu/OK button to display the contrast adjustment screen.

Step 3.

On the contrast adjustment screen press ▼▲ buttons until you reach the desired contrast.

After setting, press Menu/OK button and return to the basic screen.



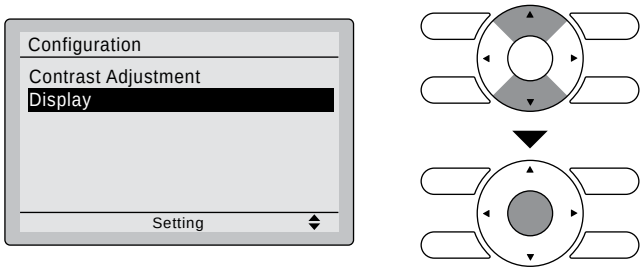
Display Mode

Step 1.

Navigate to the configuration screen.

Press ▼▲ buttons to select **Display** on the configuration screen.

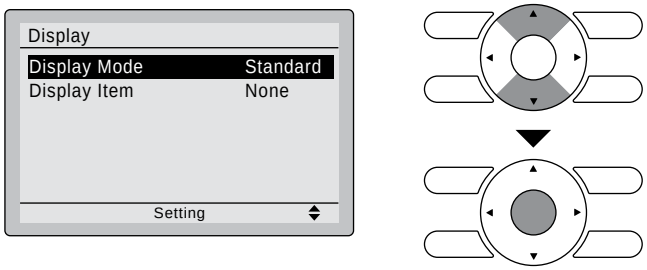
Press Menu/OK button to display the display screen.



Step 2.

Press ▼▲ buttons to select **Display Mode** on the display screen.

Press Menu/OK button to display the Display Mode screen.

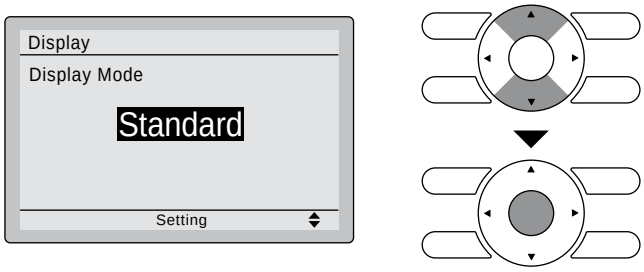


Step 3.

Press ▼▲ buttons to select **Standard** or **Detailed** on the display screen.

Press Menu/OK button to confirm the settings and return to the basic screen.

Note: *Refer to Display Item to change detailed display selection.*



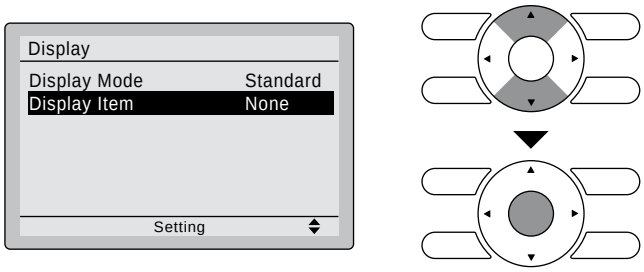
Display Item

Step 1.

Navigate to the display screen, Main Menu ⟶ Configuration ⟶ Display.

Press ▼▲ buttons to select **Display Item** on the display screen.

Press Menu/OK button to display the display item screen.



Step 2.

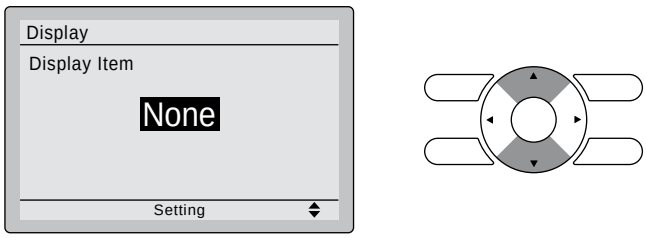
Pressing ▼▲ buttons displays the following.

None ◄►*Outside Air Temp

*System ◄► Room Temp

** The SmartSource Inverter WSHP will not display these items even if they are selected.*

Be sure to read the following notes regarding display of room temperature and outside air temperature.



Room Temp

The temperature at the remote controller. The temperature that is detected may be affected by the location of the remote controller.

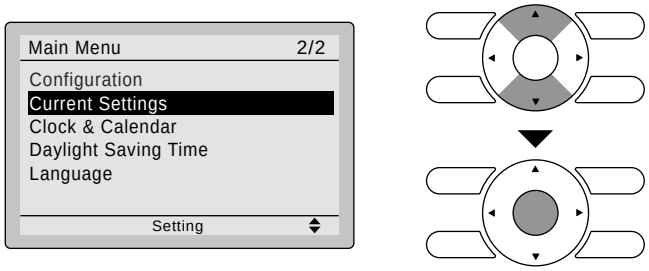
Current Settings

Viewing The Current Setting

Step 1.

Display the main menu screen.

Press buttons to select **Current Settings** on the main menu screen and press Menu/OK button.

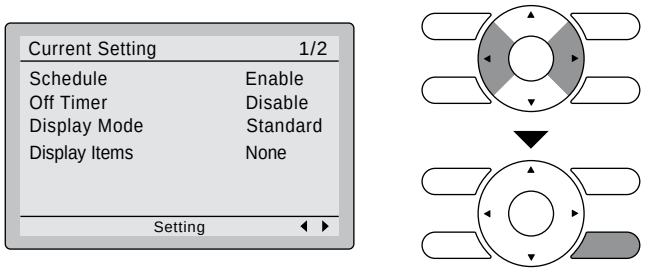


Step 2.

A list showing the current setting status will appear.

Press ◄► buttons to go to the next item.

Pressing the “Cancel” button takes you back to the main menu screen.



Display Items

Schedule	Enable
Off Timer	Disable
Display Mode	Standard
Display Items	None

Note: *Display items may differ depending on the model. Only the items that can be set are displayed.*

Maintenance

Reset Filter Indicator

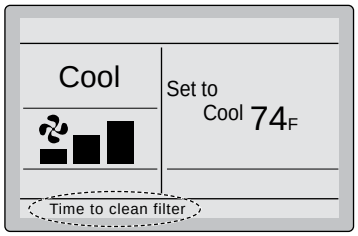
Step 1.

When it is time to clean or replace the filter, one of the following messages will appear on the bottom of the basic screen.

“Time to clean filter”

“Time to clean filter & element”

“Time to clean element”



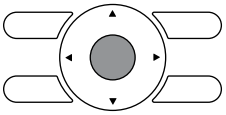
Wash, clean, or replace the filter or element.

For details, refer to “Activating Filter Change Indicator” on page 17.

Step 2.

Reset the filter indicator when the filter or element is cleaned or replaced.

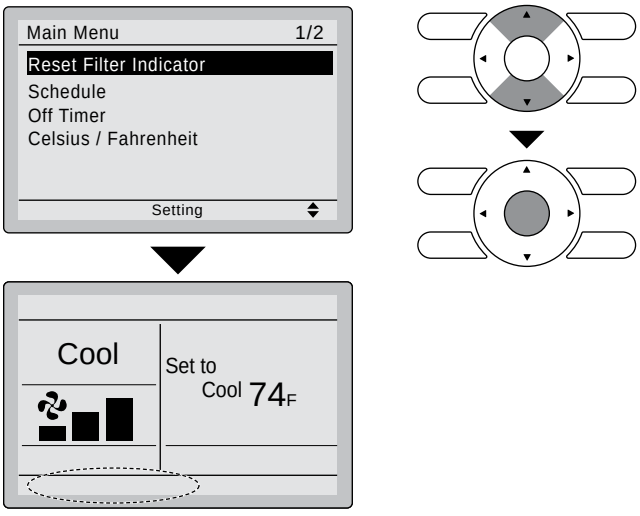
Press Menu/OK button. The main menu screen will appear.



Step 3.

Press ▼▲ buttons to select **Reset Filter Indicator** on the main menu screen and press Menu/Enter button.

Note: *Reset Filter Indicator only appears on the Main Menu when the “Time to clean filter” message is displayed at the bottom of the basic screen.*



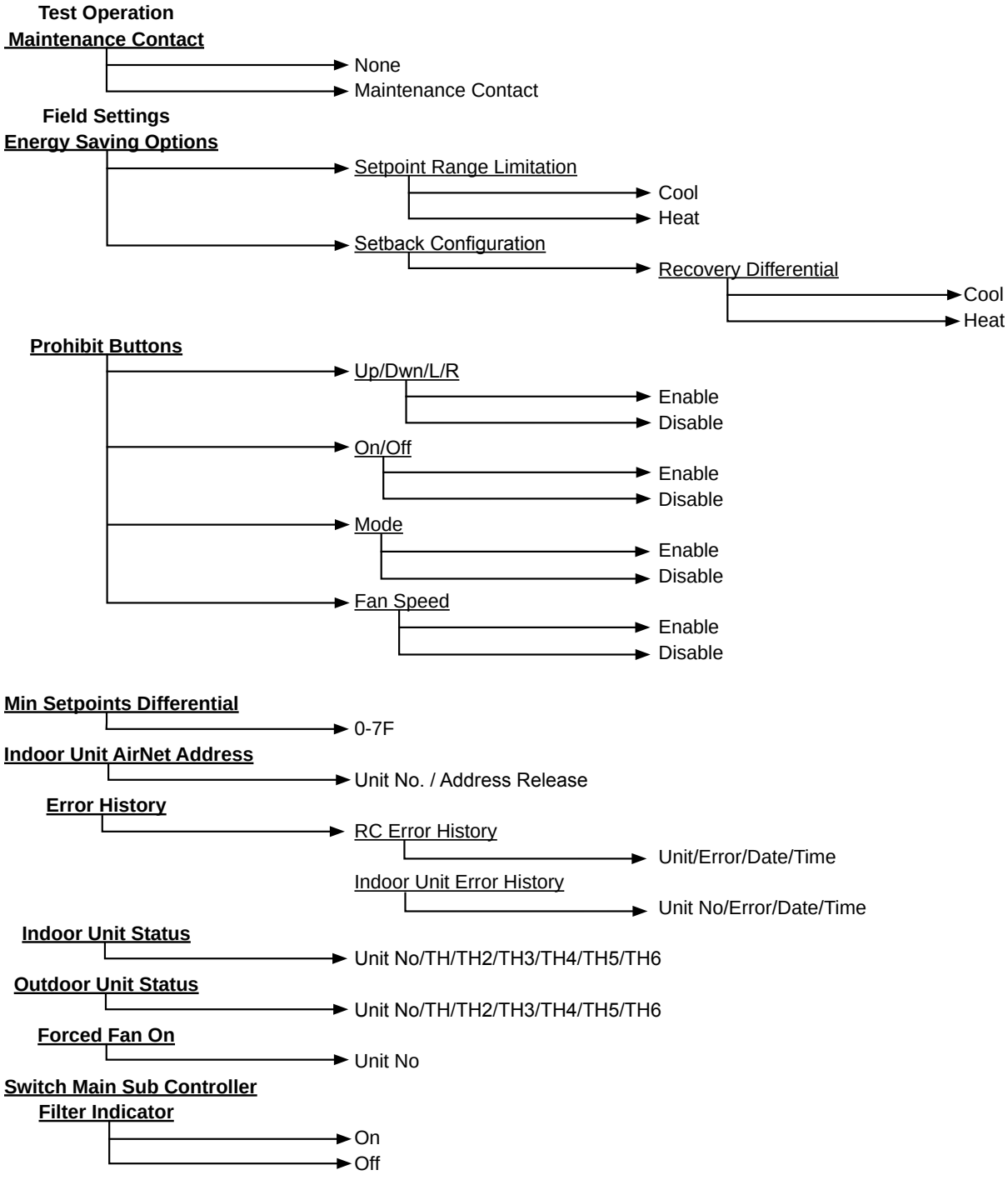
The message “Time to clean filter”, as shown in the illustration under Step 1, will disappear from the basic screen when the filter indicator is reset.

Service Settings Menu

Service Settings Menu

Test Operation
Maintenance Contact
Field Settings
Energy Saving Options
Prohibit Buttons
Min Setpoints Differential
Error History
Indoor Unit Status
Force Fan ON
Switch Main Sub Controller
Filter Indicator
Brush/Filter Ind.
Disable Filter Auto Clean

Figure 15: Service settings menu structure



Additional Service Settings Menu Information

See Reference Page:

Menu Description	Page
Maintenance Contact	page 12
Field Settings	page 13
Energy Saving Options Setpoint Range Limitations	page 17
Setback Configuration	page 19
Prohibit Buttons	page 19
Min Setpoints Differential	page 18
Filter Indicator	page 30

Error History

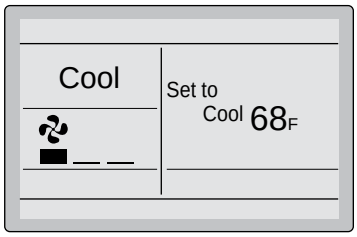
Notes: Error is stored in the unit and the unit remote controller, and can be accessed through "Service Settings."

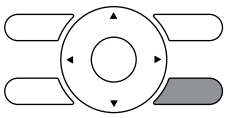
Procedure For Checking Error History

Step 1.

Press and hold "**Cancel**" button for 4 seconds or longer in the basic screen. Service settings menu is displayed.

Basic screen



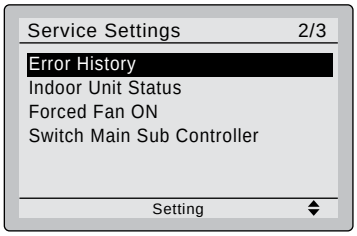


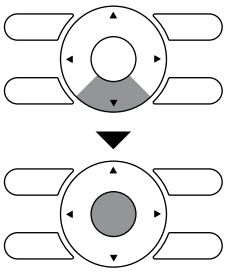
Press and hold "Cancel" button for 4 seconds or longer during backlight lit

Step 2.

Select Error History in the "**Service Settings**" menu, and press Menu/OK button. The "Error History" menu screen is displayed.

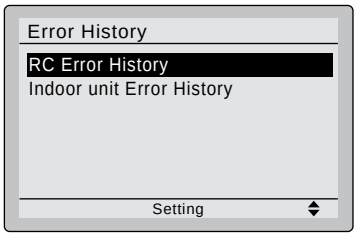
Service settings screen

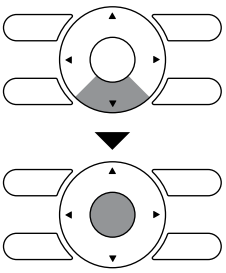




Step 3.

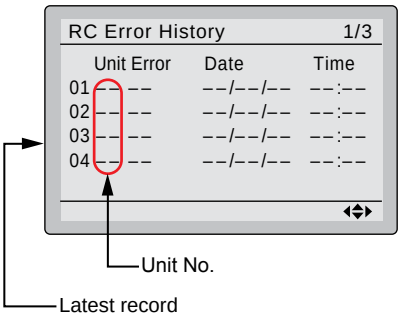
Select RC Error History in the "**Error History**" menu, and press Menu/OK button. Error codes and unit No. can be confirmed in the RC error history screen.

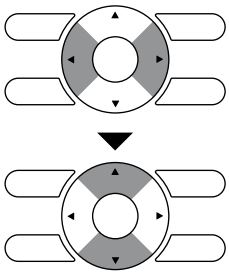




Step 4.

In the "**RC Error History**" menu, the 10 most recent items are displayed in order of occurrence.





Step 5.

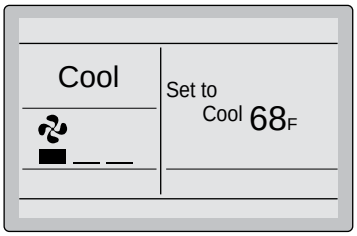
Press "**Cancel**" button in the "RC Error History" screen 3 times. The basic screen returns.

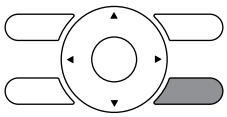
Indoor Unit Status

Step 1.

Press and hold "**Cancel**" button for 4 seconds or longer in the basic screen. Service settings menu is displayed.

Basic screen



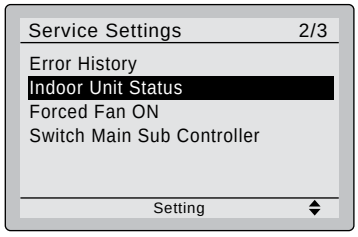


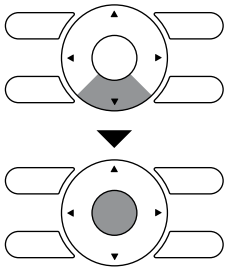
Press and hold "Cancel" button for 4 seconds or longer during backlight lit

Step 2.

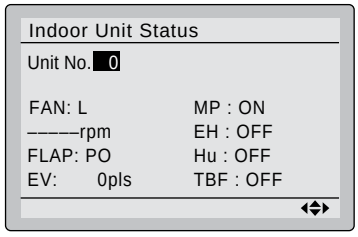
Select Indoor Unit Status in the "**Service Settings**" menu, and press Menu/OK button. The "Indoor Unit Status" menu screen is displayed.

Service settings screen





Indoor Unit Status



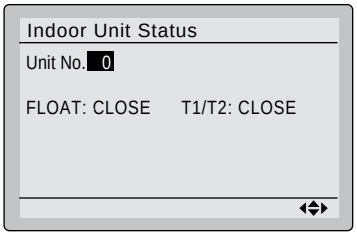
Indoor Unit Status (continued)

Indoor Unit Status Menu Items In Step 2.

FAN	L or H	Fan Speed
rpm:	No data	
FLAP:	PO always	
EV:	0pls always	
MP:	ON or OFF	N/A – – unused output (drain pump)
EH:	ON or OFF	Electric heater state
Hu:	OFF always	
TBF:	OFF always	

Step 3.

Press ◄ to display the next "Indoor Unit Status" screen.

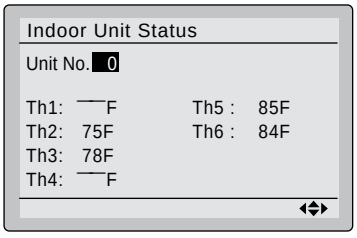


Indoor Unit Status Menu Items In Step 3.

FLOAT	Close/Open	(Normally closed)
T1/T2	Open/Close	(Normally open)

Step 4.

Press ◄ to display the next "Indoor Unit Status" screen.



Indoor Unit Status Menu Items In Step 4.

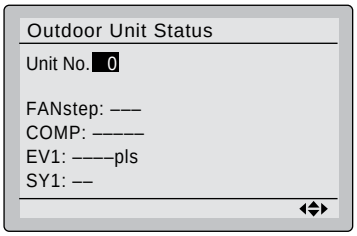
Th1:	– – – –	
Th2:		R12T (white) between air coil and RV (Liquid thermistor)
Th3:		R13T (yellow) - EEV side of air coil, bottom circuit (Gas thermistor)
Th4:	– – – –	
Th5:		Remote controller thermistor
Th6:		Average of present control temp (R/C thermistor and Return Air sensor, if any)

Th# menu descriptions

Th#	Description
Th1	Return air sensor (Remote sensor) temperature
Th2	Liquid line temperature
Th3	Gas line temperature
Th4	Discharge air temperature (FXMQ_P only)
Th5	Remote controller sensor temperature
Th6	Temperature to be used for indoor unit control (See "Field Setting" 10(20) - 2)

Step 5.

Press ◄ to display the next "Outdoor Unit Status" screen.



Outdoor Unit Status Menu Items In Step 5.

FANstep	– – – –	
COMP	– – – –	Appears on screen (not adjustable)
EV1:	– – – –pls	Appears on screen (not adjustable)
SV1:	– – – –	Appears on screen (not adjustable)

Forced Fan On

Note: *Not Applicable with SmartSource Inverter WSHP unit.*

Maintaining The Unit And LCD Display

Wipe the LCD and surface of the remote controller with a dry cloth when they become dirty.

If the dirt on the surface cannot be removed, soak the cloth in neutral detergent diluted with water. Squeeze the cloth tightly, and clean the surface. Wipe the surface with a dry cloth.

Note: *Do not use any paint thinner, organic solvent, or strong acid.*

Reference Information

Error Code Display

Contact Your Daikin Dealer In The Following Cases

Step 1.

If an error occurs, either one of the following items will flash in the basic screen.

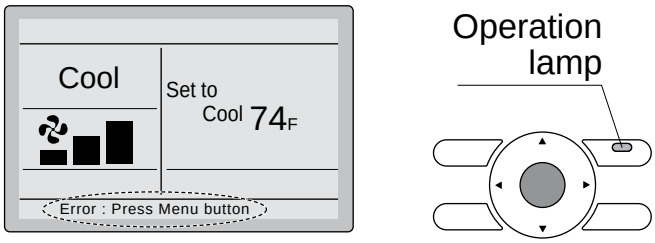
"Error: Push Menu button"

- The operation lamp will flash.

"Warning: Push Menu button"

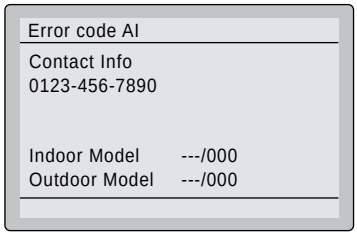
- The operation lamp will not flash.

Press Menu/OK button.



Step 2.

The error code will flash and the service contact and model name or code may appear.



Note: *Notify your Daikin dealer of the Error code and model name or code.*

Note: *A list of Malfunction Codes with brief descriptions can be found in the SmartSource Inverter WSHP Installation & Maintenance Manual, IOM 1160.*

After-Sale Service

WARNING

Do not relocate or reinstall the remote controller by yourself.
Improper installation may result in electric shock or fire. Consult your Daikin dealer.

Advise Your Daikin Dealer Of The Following Items

- Model name
- Date of installation
- Failure conditions: as precise as possible
- Error Code
- Your address, name and telephone number

Repairs After Warranty Period

- Consult your Daikin dealer

Inquiry About After-Sale Service

- Contact your Daikin dealer.

Daikin Training and Development
Now that you have made an investment in modern, efficient Daikin equipment, its care should be a high priority. For training information on all Daikin HVAC products, please visit us at www.DaikinApplied.com and click on Training, or call 540-248-9646 and ask for the Training Department.

Warranty
All Daikin equipment is sold pursuant to its standard terms and conditions of sale, including Limited Product Warranty. Consult your local Daikin Representative for warranty details. Refer to Form 933-430285Y. To find your local Daikin Representative, go to www.DaikinApplied.com.

Aftermarket Services
To find your local parts office, visit www.DaikinApplied.com or call 800-37PARTS (800-377-2787). To find your local service office, visit www.DaikinApplied.com or call 800-432-1342.
This document contains the most current product information as of this printing. For the most up-to-date product information, please go to www.DaikinApplied.com.

Products manufactured in an ISO certified facility.